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CHEMIST AND DRUGGIST

AUGUST 5 1967

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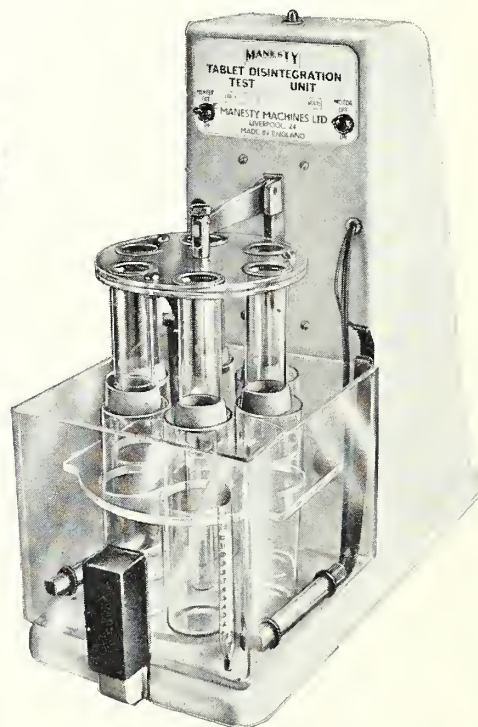
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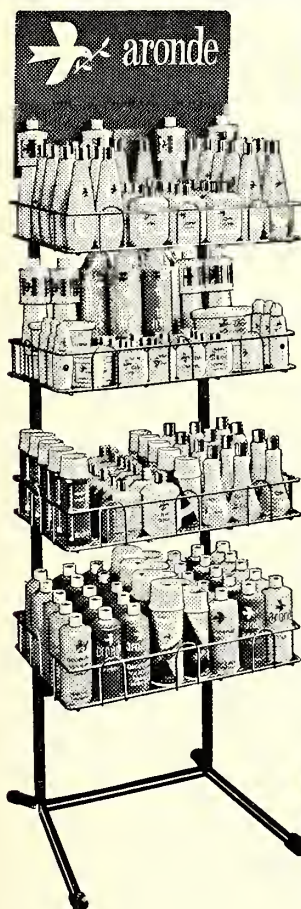
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CHEMIST AND DRUGGIST

ESTABLISHED 1859

THE WEEKLY NEWSPAPER FOR PHARMACY
and all sections of the drug, pharmaceutical,
fine chemical, cosmetics, and allied industries

*Official organ of the Pharmaceutical Society of Ireland
and of the Pharmaceutical Society of Northern Ireland*

Volume 188

August 5, 1967

No. 4564

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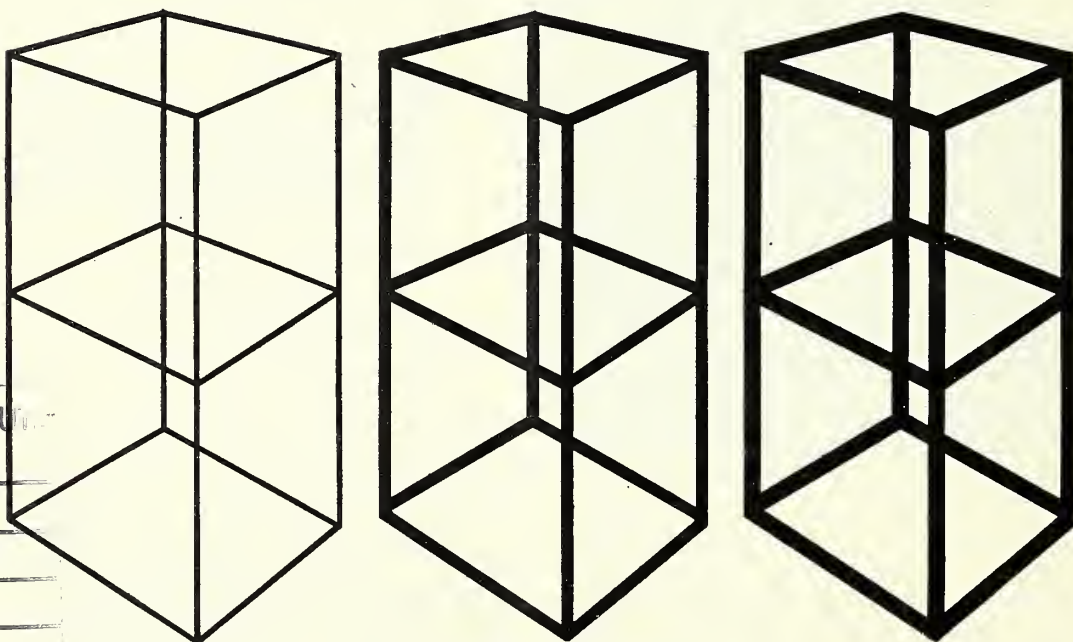
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CHEMIST AND DRUGGIST

Volume 188

AUGUST 5, 1967

No. 4564

Hospital Pharmacists NEW SALARY SCALES

THE Pharmaceutical Whitley Council Committee 'C' accepted on July 26 an offer of increased salaries linked with an immediate investigation into salary and career structure including promotion prospects, need and facilities for post-graduate training, recruitment, training and use of supporting staff and the organisation of the hospital pharmaceutical service.

Post-graduate students and basic grade pharmacists receive an increase of 10 per cent., senior pharmacists 7 per cent. and chief and deputy chief pharmacists 6 per cent. New rates for part time and locum tenens pharmacists are being announced later. The new rates, effective since July 1, are as follows:—

Post-graduate student, £825, plus £25 higher qualification allowance where applicable; pharmacist, £1,087-£1,366; senior pharmacist, £1,151-£1,434; Chief Category I and Deputy Chief IV, £1,196-£1,530; Chief Category II and Deputy Chief V, £1,305-£1,652; Chief Category III, £1,404-£1,865; Chief Category IV, £1,454-£2,008; Chief Category V, £1,574-£2,195.

Cyclamates

SUGAR BUREAU "DISTURBED"

THE British Sugar Bureau in a statement says it is disturbed at the decision by the Minister of Agriculture, Fisheries and Food to permit an extension of the use of cyclamates as artificial sweeteners despite continuing doubts as to their safety and in the face of growing world opinion that they need considerably more investigation. The Bureau is continuing to seek Government prohibition of any artificial sweetener that may have toxic effects and which is not fully tested in conformity with accepted standards, and to demand further research into non-nutritive food substitutes whose toxicity is considered to be in doubt. Pending the development of a specification for cyclamates, the cyclohexylamine content of cyclamates should not exceed 100 parts per million, says the Food Additives and Contaminants Committee in its second report on cyclamates (H.M. Stationery Office, price tenpence). The committee was asked to consider additional evidence that had become available since the original report on cyclamates published in 1966 (see *C. & D.*, February 12, 1966, p. 145). The report reaffirmed the recommendations in that earlier

report and endorses three new recommendations made by the pharmacology subcommittee, namely that (a) cyclohexylamine should be fully examined from the toxicological point of view within the next three years as a matter of urgency, with particular emphasis on adequate metabolic studies in man and rats; (b) within five years further metabolic studies on cyclamates should be carried out to elucidate the relationship to cyclohexylamine excretion; and (c) the specification of cyclamates should be revised to include satisfactory methods for the quantitative detection of cyclohexylamine and the related dicyclohexylamine and to set acceptable limits for those impurities. The Ministries of Agriculture, Fisheries and Food and of Health have accepted the advice given in the report (see *C. & D.*, July 29, p. 92).

Sweets and Tablets

HAZARDS OF SIMILARITIES DISCUSSED

A MEETING between representatives of the Cocoa, Chocolate and Confectionery Alliance and of the Association of the British Pharmaceutical Industry to discuss the risks to young children from the similarity in appearance between some confectionery and

some medicinal tablets is described in the annual report of the Medical Commission on Accident Prevention. The pharmaceutical industry agreed to look more closely at the question of strip or similar packaging but pointed out that the use of such methods would bring about labelling problems and increased costs. Confectionery manufacturers' representatives agreed to discuss the question of shapes of sweets with their Association. The use of containers that are more difficult to open for dispensed solid-dose preparations was also considered. The Commission recognises that parents bear the primary responsibility for their children's protection, but feels that many adults are unaware or heedless of the risks. Copies of the report are available (price 5s. 6d.) from the Commission at 50 Old Brompton Road, London, S.W.7.

European Pharmacopoeia

WORK ON FIRST VOLUME COMPLETED

DURING the tenth session of the European Pharmacopoeia Commission in Strasbourg, July 18, approval was given to the texts of the "General Methods of Analysis" and to 51 monographs on specific substances, (17 inorganic chemicals, 16 organic synthetic chemicals, and 18 organic natural products) thus completing the work for the first volume, to be printed in English and French and published at the end of 1967 or early 1968. The date of coming into force of the monographs has not yet been fixed. The Commission noted that work on the monographs for the second volume, consisting predominantly of biological substances is now well advanced

A CENTURY OF SERVICE: Between them Messrs. E. G. Stafford, Ilford, and W. Channon, Upminster, have contributed fifty years' service each to The British Drug Houses, Ltd., London, N.1. Mr. Stafford is superintendent of the company's overseas dispatch department at Graham Street and Mr. Channon is head sampler in the analytical department. They are here seen with the company's managing director (Mr. F. W. Griffin), right, at a ceremony at which they were presented with long-service awards.



and it is hoped that it will be possible to approve them during 1968. The arrangements for publishing the pharmacopoeia are not yet finalised; an announcement will be made later.

Cut-price Films

A SURVEY BY "WHICH?"

SHOPPERS who carried out on behalf of the Consumers' Association a survey on film prices in seventeen parts of the country found that top prices were nearly always charged by chemists and specialist photographic dealers. Results of the survey are published in the August issue of *Which?* Types of shop covered included duty-free airport shops, channel ferries, supermarkets and shops belonging to Dixon's Photographic, Ltd., F. W. Woolworth & Co., Ltd., Co-operative stores and multiple chemists. Kodak films were found in almost every shop visited. More than half the shops stocked Agfa and Ilford and about one-third had a limited range of Ferrania film. Other brands were found only occasionally. Kodak film was the most likely to be obtained "cheaply". It was available in most sizes from "Boots, Co-ops, Dixons, Timothy Whites and Woolworths." A few supermarkets stocked a limited range at about the same price. Cheapest were three duty-free airport shops and boats to the Continent. Most usual developing charge for colour-negative film was 5s. (some shops charged up to 6s. 6d.) with prints at 1s. 9d. or 2s. depending on size and shape. Prices were less standardised for monochrome films. Charge for 35-mm. developing was generally 3s. or 3s. 6d. (sometimes 2s. 6d.). Rapid, 126, 120 and 127 films were usually priced at 2s. 6d. with a range of from 2s. to 3s. Prints varied from sixpence to 1s., eightpence being usual. The report also deals with own-name films sold by Boots, Dixons, Woolworths and the Gratispool Co.

Agricultural Chemicals

SAFE USE RECOMMENDATIONS

THE Ministry of Agriculture, Fisheries and Food has issued more "recommendations for safe use in Great Britain" for a variety of compounds including the following organochlorine insecticides:—Chlordecone (decachlorooctahydro-1, 3, 4-metheno 2H-cyclobuta (cd) pentalen-2-one), aldrin and dieldrin. Recommendations have also been issued for the herbicides 2, 4-D, bromoxynil, dalapon, dimexan, diquat, lenacil and propachlor and the fungicide ethoxyquin. Other compounds for which recommendations are made are:—Tetramisole, Cyfac-5, Cyfac-25, chlorhexidine gluconate, cyanide powders, ioxynil, disulfoton, thionazin, endrin, endosulfan, phosalone, maleic hydrazide, dichlorfluaniid and mercurous chloride. Recommendations are made in respect of mercuric chloride when used as a turf fungicide in a formulation applied to sports turf by groundsmen but otherwise the use of the compound is vetoed in agriculture or horticulture and in home gardening. The Ministry also state that thallium sulphate should not be used

as an insecticide in agriculture, horticulture, home gardens or in food storage practice in Great Britain.

Blackcurrant Syrup

"NEAR FAMINE" YEAR FOR FRUIT

THE 1967 blackcurrant crop is believed to be the poorest for about ten years. A sharp frost early in May came at a critical time not only in England but on the Continent. One large manufacturer of blackcurrant syrup (H. W. Carter & Co.) reports that the yield is down to a level varying from 25 to 40 per cent. of an average crop, depending on the district. Normally the price paid to contractors by the manufacturers for the fruit is around £160 per ton. This year the rates asked by home and foreign suppliers have ranged from £350 to £500 per ton. As a result, the quantity of concentrated fruit juice that the processors will be able to extract this season is expected to be relatively small, but supplies of syrup should be less severely affected because a succession of bumper crops of fruit over the previous four years has left a comfortable margin to carry forward.

Medical Research

WHERE THE MONEY CAME FROM

MORE than £50 millions a year, approximately twice as much as six years ago, is now spent on medical research in the United Kingdom according to an estimate in the Office of Health Economics Information Sheet No. 2 "Medical Research." In 1965-66 the Government provided 63 per cent. of the money, the pharmaceutical industry 27 per cent. and the trusts and charities 10 per cent. The government's share has risen from 56 per cent. in 1961-62. Government expenditure is channelled through two main sources, namely the Medical Research Council (£12 m.) and the University Grants Committee (£17 m.) out of a total of £31 m. for 1966-67.

Health Centres

APPROVED IN PRINCIPLE

THE Inner London Executive Council has approved in principle the provision of health centres with facilities for the provision of general medical services as follows:—The Aylesbury Road development area, London, S.E.17; the North Peckham, Camden site area London S.E.15; the Brocklebank site, London, S.W.18; Milsom Road, London, W.14; Clem Atlee Court, London, S.W.6, and at Wandsworth Bridge Road, London, S.W.6.

Computers in Medicine

"STANDARD LANGUAGE" INVESTIGATION

THE Minister of Health (Mr. Kenneth Robinson) is setting up a committee to consider the need for a medical computing language and, if the need exists, to suggest solutions to the problems involved and to estimate their cost. Study in recent months of the possible use of computers in the National Health Service has shown that there will be a wide range of uses, particularly in hospitals, and many users.

IRISH BREVITIES

THE NORTH

PRESCRIPTIONS dispensed in Northern Ireland during May numbered 889,854 (572,662 forms). Total cost was £536,683, an average of 144.75d. per prescription.

NEWS IN BRIEF

THE August price revision of the Drug Tariff, Scotland, changes the prices of fifty-four drugs and preparations and deletes, as from August 1, cotton and elastic net bandages, BPC 2½ ins. and 3½ ins.

A GENERAL review of productivity, prices and incomes in the United Kingdom during 1966 was published by the National Economic Development Council on August 2 and is available from H.M. Stationery Office, price 4s. 6d.

A LEAFLET describing the possible health dangers involved in keeping pets has been produced by the Central Council for Health Education, Tavistock House North, Tavistock Square, London, W.C.1. Price is 2s. 6d. a doz., plus postage.

POSTAL coding, already announced for Norwich, Croydon, Aberdeen and Southampton, will cover 121 post towns by the end of the year. The aim of the G.P.O. is to provide codes to most premises in Britain before the end of 1970.

THE Minister of Health (Mr. Kenneth Robinson) laid the foundation stone for the largest general hospital ever to be built in Wales—the University Hospital of Wales—at Cardiff on July 26. The new hospital will provide nearly 800 beds together with a large out-patients' and supporting departments.

THE Chemical Society is proposing to form a protein group to encourage the discussion of the chemistry (including the biological chemistry) of peptides and proteins. Membership is not necessarily confined to Fellows of the Society, and anyone wishing to support the proposal should notify Dr. G. T. Young, The Dyson Perrins Laboratory, South Parks Road, Oxford.

PRODUCTS accepted for the Design Index of the Council of Industrial Design, 28 Haymarket, London, S.W.1, in June included the Rotatrim photographic trimmer of HM Developments (Uxbridge), Ltd., Belmont Road, Uxbridge, Middlesex; Ilfoprint photographic processors of Ilford, Ltd., Ilford, Essex; a camera outfit (the Instamatic 104) of Kodak, Ltd., Kingsway, London, W.C.2; and the Dohmbucket industrial bucket (in toughened polythene with galvanised metal handle and lugs and beechwood handle-grip) of Dohm Plastics, Ltd., 167 Victoria Street, London, S.W.1.

THE Birmingham Drug Testing Scheme, which came to a halt with the death of Mr. F. G. Stock in August 1966, was recommenced on April 1. In the period to June 30, 103 samples had been taken from twenty-nine pharmacies. Overall quality continues "very satisfactory" states the Birmingham

city analyst (Mr. Bill Coombes) in his report for the second quarter of 1967.

STRONG opposition to the Minister of Transport's quantitative licensing proposals was registered by the Traders Road Transport Association at a meeting with the Minister on July 27. The Association takes the view that, although the Minister appeared to be prepared to frame her detailed legislation in a way that would meet some of the T.R.T.A.'s detailed points of objection, she gave no sign of shifting on the principle of direction of traffic to the railways.

SPORT

GOLF

MANCHESTER PHARMACEUTICAL GOLFING SOCIETY. Latest meeting of the society was at Mere golf club on July 26. *Results: Woolley trophy; 1, R. Demaine; 2, R. Ogden. Ladies putting competition, 1, Mrs. Atkinson; 2, Mrs. Stubbs.*

SOUTH LONDON AND SURREY PHARMACISTS GOLFING SOCIETY. Thirty-six members took part in a Stableford competition for the *Verona trophy* at Walton Heath golf club on July 19. *Results: 1, E. S. Jobling, Gerrards Cross (9), 41 points; 2, P. Fernandez, Shirley Park (12), 37; 3, W. S. Hutcheon, West Hill (18), 36. Scratch to fourteen handicap prize, F. Needham, Effingham (9), 36. Fifteen and over handicap prize, J. Widdocks, Croyham Hurst (16), 31. Best score on first nine holes, F. Jamieson, Shirley Park; On last nine holes, S. G. Mote, Walton Heath. Special prize, J. Martin, Ifield.*

IRISH CHEMISTS' GOLFING SOCIETY. An outing to the Castle, Dublin, on July 27 attracted over forty competitors for prizes presented by Irish Pharmaceuticals, Ltd. and Kodak Ltd. The prizes were presented by Mr. H. Palmer (managing director, Irish Pharmaceuticals, Ltd.) and Mr. F. Cowmeadow, (Kodak, Ltd.) at a dinner in the club house presided over by the captain (Mr. C. Staunton).

Results: Class A 1, B. Jordan (4), 40; 2, S. Carroll (10), 38; 3, J. J. Dalton (12), 38. Class B, 1, C. O. Greene (18), 41; 2, C. O'Sullivan (17), 38; 3, P. Fitzmaurice (19), 37. Next outing is at the Hermitage on August 17.

LOCAL OFFICERS

PHARMACEUTICAL SOCIETY BRANCHES

Birmingham. — *Chairman, P. Crees; Vice-chairman, G. Hanslow; Treasurer and Secretary, C. McArdle, 110 Delrene Road, Shirley, Solihull, Warwickshire. (Telephone: (Home) Shirley 3464 (Business) Birmingham Central 8611, Ext. 368).*

Bury. — *Chairman, C. E. Tasker; Assistant Secretary, Mrs. S. Strickland; Treasurer and Secretary, Mrs. A. Fewtrell, 20, Old Lane, Walmersley, Bury, Lancs.*

Lancaster, Morecambe and Westmorland. — *Chairman, R. W. Harrison; Vice-chairman, J. Haythornthwaite; Treasurer, J. Wilkinson; Secretary, H. Lewty, 38 Shrewsbury Drive, Lancaster.*

Reigate and Redhill. — *Chairman, M. H. Webb; Treasurer, D. K. Webster; Vice-chairman and Social Secretary, D. S. Nunn, 38 Hevers Avenue, Horley, Surrey; Secretary, P. Morris-Wilson, 1 Western Parade, Woodhatch, Reigate, Surrey.*

Southampton. — *Chairman, L. S. Johnston; Vice-chairman, L. W. Parsons; Treasurer, Mrs. J. F. Dear; Social Secretary, F. S. Leaper, 117 St. James Road, Southampton; Secretary, M. J. Bassil, 55a Bedford Place, Southampton.*

Wolverhampton. — *Chairman, D. T. Rowney; Treasurer, W. N. Edwards; Social Secretary, Mrs. M. Hewitt, 19 Pinfold Lane, Penn, Wolverhampton; Vice-chairman and Secretary, J. L. Moorhouse, 1 Overseal Road, Wednesfield, Staffs.*

TOPICAL REFLECTIONS

By Xrayser

Crowning glory

The colourful and illuminating supplement dealing with the important subject of hair care, enclosed with last week's issue, demonstrates forcibly, to one of my vintage, that internal combustion, jet-propelled aeroplanes, and atomic fission are not the only discoveries of the age through which I have lived. Is it possible, I ask myself, that on the first, and perhaps even the second occasion, on which I was offered articles described as "home perms" I felt a sense of positive affront and resolutely refused to have anything to do with such novelties? Staff and public were outraged, and I was forced to realise that an ageing obstructionist had better leave that side of the business in more youthful and more sympathetic hands. And almost imperceptibly it was borne in on me that other changes were taking place, for I was astonished to discover that the brunette of yesterday had become the blonde of today and, in a remarkably short time, appeared as a striking redhead. I had been raised in the school of Charles Kingsley, who admonished the young ladies of his time (and mine, I am forced to admit) to "be good, sweet maid, and let who will be clever," with something about the doing of noble deeds. But then it might be argued that the perms and the colourants come into the category of noble deeds. I must confess, once more displaying my hopelessly outdated outlook, that some of the hair styles I have seen recently have recalled another of Kingsley's verses concerning a young lady who met her end in the Sands O' Dee. "Oh! is it weed, or fish or floating hair?" And I have wondered which. But much of my soured disposition is easily accounted for by the circumstance that I am one of the unfortunates who, now that I am able to afford the kind of hairdressing I have always wanted to use, have no further need for it. There is no doubt that your supplement will be of the greatest value to the staff who advise the many who make use of modern adjuncts to woman's crowning glory.

Prescription charges

I note that, at the annual meeting of representatives of the British Medical Association, held at Bristol, a resolution was passed to the effect that the Minister of Health was mistaken in his view that a prescription charge would not lessen the work of the general practitioner, and that it was considered necessary to introduce such a charge to reduce the work load. I am sure that the doctors are correct in their assumption that the load would be lightened by such a charge, and I am equally certain that the lessening of demand would be proportionate to the amount of the charge levied. But that, surely, would be the equivalent of a rationing by purse, and would be a negation of all that the Health Service stands for. The old, the sick and the needy should be a priority in a social service of the kind planned over many years of human endeavour to ease the burden, and no matter what steps are taken to alleviate hardship, none have been devised in the past which did not necessitate a degree of humiliation. Refund of sums paid required — by asking for a reclaim receipt at the counter — a public disclosure of adverse financial circumstances. Hardship is bad enough in itself, without the need for broadcasting it. It is remarkable that the B.M.A., which consistently, over a long period of years, campaigned for a removal of the charges, should now be vociferously demanding their reintroduction.

Price demaintenance

I see no reason why, in this brave new world, I should not coin a new word. The public may find before much time has passed that the abolition of price maintenance has resulted in their having no standards by which to judge the price of anything. I have, on occasion, made a round of the supermarket type of business and had my curiosity aroused by the fact that some articles are being offered at a price lower than that at which I can buy them direct from the manufacturers, while others bear prices in excess of what is regarded as the "recommended" price. We face a period of chaos and the door is opened to sharp practice.

Chemists' Action Group

PROTEST TO MINISTER AND COMMITTEE

A VOTE of no confidence in the Central National Health Service (Chemist Contractors) Committee was passed at the inaugural meeting of a new Chemists' Action Group of Great Britain held in London on July 30. The meeting, which had been organised by MR. S. BLUM (see *C. & D.*, July 29, p. 98), also agreed to send a letter of protest to the Minister of Health registering "disgust" at the recent additional cuts "in the already meagre oncost allocated to us by the Minister of Health." The letter would point out that the present cut of 2 per cent. and the impending additional cut of $\frac{1}{2}$ per cent. would reduce oncost by 25 per cent. of the total i.e. from 14 to 10½ per cent. "all within the course of twelve months." That position the group was "unable to accept."

A Fighting Fund

At the meeting the group launched a fighting fund. It is seeking the support of other chemist contractors. About thirty pharmacists attended. Mr. Blum said that he had had an overwhelming response from all parts of the British Isles, and hoped the meeting that afternoon would be the beginning of a new and better era for all pharmacists throughout the United Kingdom.

The following officers were appointed:— *Chairman*, S. Blum; *Vice-chairman*, W. H. Jones; *Assistant Vice-chairman*, Bryan Croft; *Secretary*, I. H. Williams; *Assistant secretary*, F. Simpson; *Assistant Treasurer*, A. D. Vaughan. It was agreed to approach another member to become *Treasurer*. Mr. Blum said that the next most important object was to increase the membership, and he asked that each chemist present should spend ten minutes of each day telephoning colleagues and raising their enthusiasm. Mr. Blum said that the cuts in remuneration led him to ask what kind of representation there had been to accept the cuts. A completely new agreement, based on 1967 levels, was needed. MR. C. R. THEWLIS, Middlesbrough, said the cut was justified in terms of the current agreement but he felt chemists should have a substantial dispensing fee based upon a substantial notional salary. MR. G. M. FOX, Harrow, contended that, if chemists were going to "argue with the Ministry" they would have to produce facts. The National Pharmaceutical Union should be roused to seek a new inquiry. The group could either develop an organisation to compete with the N.P.U. or it could pressurise the N.P.U. into obtaining further facts to support new claims. Unless such information were obtained the chemists were "not going to get anything." MRS. E. LUCAS-SMITH, Slough, also believed the notional salary was entirely inadequate, and that a new inquiry into chemists' costs was necessary. She reminded members that the $\frac{1}{2}$ per cent. cut must be paid for by the pharmacists who had only just opened their premises. Having

only recently opened a branch she was considering what to do when she received her reduced cheque. She thought she might return it and ask for payment in full. MR. CROFT maintained that the present concept of a notional salary was wrong. MR. A. J. GRIGG, Sandiacre, Nottingham, considered that the Ministry were paying chemists 5½d. per prescription "on the negotiations that were held in 1962." It was obvious that new negotiations were necessary to ensure a new and better basis of settlement. MR. J. PARK, Harpenden, believed it should be ascertained and made known how many prescriptions a pharmacist could reasonably undertake to dispense within one hour. And who, he asked, would nowadays accept a week of forty-nine hours? The contractor's committee should be given substantial backing. It was unwise to break up the present procedure. MR. T. H. MILLNS, Derby, wanted a new agreement between the Executive Council and "the man who was going to do the work." MR. I. H. WILLIAMS urged "pressurising within the Pharmaceutical Committees but pointed out that, if chemists wanted to create real pressure they would have to be prepared to resign their contract. MR. R. A. PALGRAVE, Much Wenlock, Shropshire, wondered if the present methods of oncost payment should be continued. It might be better to have no oncost but a substantial increase in the dispensing fee. Another member then asked what sum was going to cover the loss of stocks. He reckoned that 10 per cent. was needed to cover obsolescent stocks each year. MR. A. D.

VAUGHAN suggested that, if militant action were proposed, it should be arranged in small areas. Another member doubted whether that could be effective. The negotiators were "established" men who had the free time but not the urgency or the drive; he did not believe they were dependent on pharmacy for their livelihood. Another member of the group wanted to exert pressure on the N.P.U. to ensure that appointments to the contractors committee were given only to pharmacists, two thirds of whose income was based on N.H.S. MRS. LUCAS-SMITH wanted the group to meet the negotiating committee face to face and to ask why they had accepted the new terms. It was essential that the Committee's reasons should be known. MR. BLUM then suggested that members of the group should circularise all chemist contractors calling for the resignation of the present Central N.H.S. (Chemist Contractors) Committee. MR. M. H. BRODER, London, wanted an attempt made "to put an active member on the Contractor's Committee." MR. R. C. B. JONES, Theydon Bois, thought the group should find out what could be done and where its strength was concentrated.

It was agreed that the injustice to new contractors was a point on which the group should try and get something done. Success in that would create confidence and prestige for the group.

MR. J. PARK, Harpenden, wanted it to be known that he disagreed with the decision to send the letters though he made it clear that he shared the resentment at the cuts.

"SOFT" DRUGS

Debate in the House of Commons

DURING an adjournment debate on July 28 MR. H. P. G. CHANNON discussed "soft" drugs. A heavy responsibility, he said, rested upon the manufacturers of amphetamines and barbiturates to ensure good safety precautions in their factories, adding that he had been "generally impressed by them." He saw no cause for a change in the law concerning hallucinogens, but enforcement would be difficult. "Everyone in this field agrees that cannabis is a mild intoxicant and non-addictive," he said. It was possible to create an emotional dependence on cannabis but there was no physical dependence. What evidence was there that cannabis led to the taking of heroin? More research into the subject was essential. Had the Government considered that cannabis had to be on the same list under the Dangerous Drugs Act, 1965, as the more dangerous heroin and the "hard" drugs?

MR. W. F. DEEDES held the misuse of amphetamines among the young to be a serious, not a diminishing problem. "How else can it be when we know that last year in London 665,000 amphetamine tablets were stolen, 880 prescription forms were forged

and 500 blank prescription forms were stolen? He was glad the Home Office and the British Medical Association were inquiring into the subject and hoped they would examine the social and medical reasons "for the staggering use of barbiturates and amphetamines." During the previous six months about 6 million prescriptions had been issued for barbiturates and three million for amphetamines. The cannabis problem was more complex "than some of the more facile advocates suggest." Seven million Egyptians were addicted to hashish and the Egyptian Government was "at its wits end" to know what to do about it. Did anyone believe that, if the black market in cannabis was ended by legalising the drug a market in the resin would not begin? The Government would be totally irresponsible to release the drug from control at the present stage.

MISS ALICE BACON (Minister of State, Home Office) said the Government recognised that there was controversy about the dangers of cannabis. United Kingdom law, in accordance with the International Convention placed the drug under the same restrictions as heroin. The World Health Or-

COUNT ANY 10 HOUSEWIVES

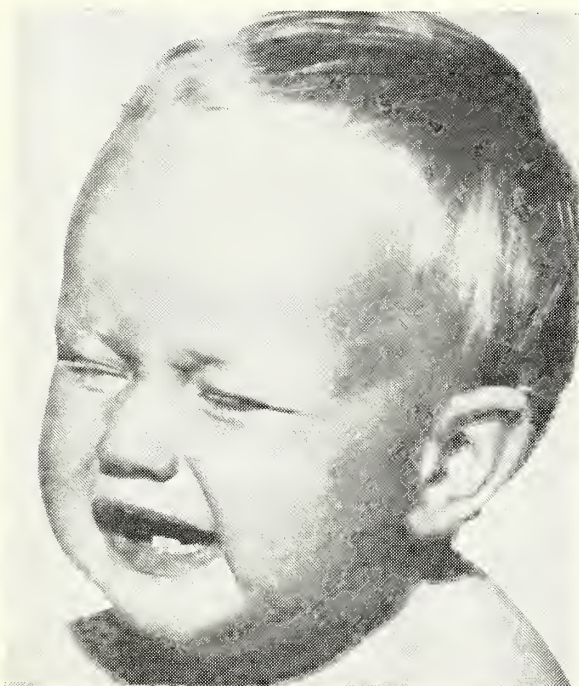
7 of them will be
Lucozade buyers

***5 of these will be
making repeat purchases
over the next six months***

Make sure that seven out of ten of your customers buy high profit Lucozade from you by allocating extra space to Lucozade. Remember Lucozade sells all the year round and that it will receive heavy T.V. support on all networks.



**He doesn't know what
the pain's about**



**...but you know the
answer -**

New Panets baby elixir
the safe pain reliever
specially formulated for babies

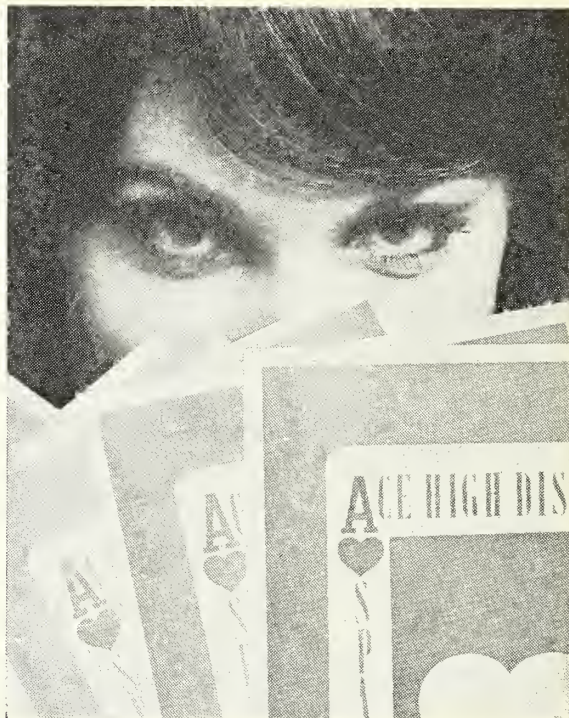
New Panets Baby Elixir is a safe, fast pain reliever that every mother will be anxious to buy. Specially formulated for babies and young children, Panets Baby Elixir has a delicious orange flavour and contains paracetamol as used in hospitals. Panets Baby Elixir is also very effective in reducing high temperatures caused by colds, influenza and infectious diseases. Additionally, it contains Vitamin C, which is so often lost when temperatures are above normal. Containing no aspirin, Panets Baby Elixir cannot cause stomach upset, excitability or constipation—and soothes away pain quickly, safely and gently.



Profit now with this sure selling line—retailing at 3/6d. per 2oz bottle. Ask your Keldon representative for details of the special launch terms for Panets Baby Elixir.

Panets baby elixir
the safe pain reliever for young children

Contains no aspirin. A product of the Optrex group.



**Sparklets
Mystery Visitor
says pick a card
and win a prize**

All over the U.K. Mystery Visitors will be making random calls on Sparklets stockists ready to hand out hundreds of valuable prizes. When a retailer receives a visit from the Mystery Visitor all he needs to win is to have a window or point of sale display based around four or more Sparklets Syphons (out of their boxes.)

The Mystery Visitor will invite you to pick a card from his pack—on the other side of the card is a range of exciting prizes for you to choose from, and remember if you pick a card *you must win*. All along you'll be displaying one of the best selling lines in this market, and you can make this even more effective with the Sparklets new range of display material. Qualifying dates—between June 5th and September 30th. Get your displays up now and be ready for the Mystery Visitor.

***Sparklets syphons**

The British Oxygen Co. Ltd., London, W.6.

ganisation, the Permanent Central Narcotics Board and the United Nations Narcotics Commission all considered the drug harmful to society and that international control should be maintained. The drug could not be freed in Britain without international consequences. Of heroin addicts known to the Home Office 97 per cent. had a previous history of cannabis taking.

MR. T. DRIBERG: And of alcohol.

MISS BACON believed there was a danger "of some people misleading young people by not only taking drugs themselves, but trying to influence the minds of young people and trying to encourage them to take drugs. In-

sidiously or openly, wittingly or unwittingly, the young are being taught the paraphernalia of psychedelic experience, and the catch phrases of drug cults. This seems to be the real challenge of "soft" drugs, and it is growing. The Government believe that it is time for responsible influences to check this trend. It is time to make clear that teenage drug-taking is ill-advised if not dangerous to personality and health. It is time to rebut the claim of those who profess to make mystics out of the immature. This is a challenge which all sections of society must take up. The Government are resolved to do their part."

IN PARLIAMENT

BY A MEMBER OF THE PRESS GALLERY, HOUSE OF COMMONS

ASKED by MR. W. J. MOLLOY about the arrangements whereby the Government was given notifications of higher prices. MR. FREDERICK LEE (Chancellor of the Duchy of Lancaster), in a written answer on July 27, said that not all the discussions were complete. Arrangements were, however, in force for the appropriate Government department to be given early warning of proposed price increases by some manufacturers of goods and suppliers of services. Included in the list were soft drinks, chocolate and sugar confectionery, animal feeding stuffs, polyethylene, polyvinyl chloride, household soaps and detergents, nitrogenous fertilisers, glass jars and bottles. In addition, arrangements had been made to keep under review the trend of manufacturers' prices of a number of items including "general chemicals."

Importation of Contraceptives

MR. L. CARTER-JONES asked the President of the Board of Trade if he would take the necessary steps to prevent the import of contraceptives that did not meet the appropriate standard of quality laid down by British Standards Specification No. 3704. MR. GEORGE DARLING (Minister of State) in a written answer on July 26 said he had no evidence that such goods were imported. In any case the Board of Trade used their powers to control imports only for economic or commercial purposes in the broad national interest.

Drug Addicts' Treatment

MISS ALICE BACON assured MRS. RENEE SHORT that the new regulations on prescribing of Dangerous Drugs would not be brought into operation until the Minister of Health was satisfied that adequate hospital facilities were available for the treatment of addicts.

Drug Costs

MRS. L. JEGER asked the Minister of Health his estimate of the increased cost of drugs to the National Health Service caused by the growing volume of advertising of pharmaceutical products to doctors, especially through the medium of unsolicited regular medical journals sent free of charge to doctors. MR. KENNETH ROBINSON (Minister of Health) said "Sales promotion practices are one of the matters which are within the terms of refer-

ence of the Sainsbury Committee, whose report I expect shortly; but I have no evidence that the pharmaceutical industry is devoting an increased proportion of its revenue to sales promotion, nor has there been any general increase in the price of drugs."

Coronary Artery Disease

MR. G. J. OAKES asked the Secretary of State for Education and Science if he would institute research into the relationship between heart disease and saturated animal fats in diet. He also wanted to know what research was being conducted into the prevention of heart diseases by the use of unsaturated vegetable fats. MR. C. A. CROSSLAND (Secretary of State) in a written answer on July 18 pointed out that a considerable amount of research had been and was being undertaken on the possible relationship between coronary artery disease and diets rich in saturated animal fats. The studies included investigations of the effects on sufferers of diets rich in unsaturated fatty acids.

LEGAL REPORTS

Plea Changed

ON three charges of selling poisons at their discount supermarket in Bridge Street, Peterborough, and three charges of selling poison in a container not labelled in accordance with the regulations; Brierley's Provincial Stores, Ltd., were at Peterborough magistrates' court fined a total of £30 and ordered to pay £66 costs. It was alleged by the prosecution that a Pharmaceutical Society inspector had bought in the store a packet of travel sickness tablets, a corn removing preparation and some toothpaste containing an ingredient for treating a gum infection; all of which should have been sold only by a pharmacist. Pleas of not guilty entered on behalf of the company were later changed to guilty and defending solicitor told the court that the items had been put out for sale by mistake, explaining that they were among stock taken over from two chemists' shops which had ceased trading.

Prison for Drug Thefts

Two men were acquitted at Hertfordshire Assizes on July 21 of the manslaughter of a girl aged 18, but were sentenced to imprisonment for breaking and entering a chemists' shop at

Letchworth and stealing drugs. They were Anthony William John Stevenson formerly of Clare Crescent, Baldock, and Terrence Brown of Denby, Letchworth. Mr. Justice Glyn-Jones had directed the jury to return verdicts of not guilty of the charges against the two men of unlawfully killing Bridget Margaret Mynott on February 20 and of unlawfully and maliciously administering a poison so as to endanger life on February 19. The court was told that Bridget Mynott and her friend, Anne Walsh, both of Baldock, had met Stevenson and Brown when they were trying to sell the stolen tablets. The girls accepted a lift from the men and helped themselves to Parstelin tablets. The judge stated that the two men regarded the girls as being perfectly familiar with drugs and accustomed to taking them. It was therefore his duty to direct the jury to return verdicts of not guilty on those counts. Mr. Justice Glyn-Jones sentenced Brown to five years' imprisonment and Stevenson to six years' imprisonment on the breaking and entering charges. Stevenson was also sentenced to another year for fraudulent conversion of £40 and another six months to run concurrently for driving while disqualified.

COMPANY NEWS

Previous year's figures in parentheses

SANGERS, LTD. — Sales in the four months ended June 30 were 6 per cent. more than a year ago.

MUREX, LTD. — Group sales in year ended April 30, £11'62m. (£11'69m); profit before tax £783,000 (£1,159,000).

R. SUMNER & CO., LTD. — Mr. B. G. Cross, B.Sc., M.P.S., has been appointed managing director.

MAY ROBERTS (IRELAND) LTD. — Dividend 15 per cent. (13'3 per cent. equivalent). Profit for year to January 31, £27,764 (£32,644) after tax £26,477 (£27,726).

ARNOLD M. GEE LTD. — Final dividend 5 per cent. making 10 per cent. for year ended March 31 (against 20 per cent.). Group trading profit fell to £42,000 (£53,000).

FARBENFABRIKEN BAYER, A.G. — Group turnover in first half of year rose 4.6 per cent. to DM 3,083 m. but net profit fell DM 4 m. to DM 132 m. Export ration improved to 54 per cent. (50.8 per cent.).

THE registered office of T. R. Gover, Ltd., and that of T. R. Gover (Brighton), Ltd., are now at 37 Montpelier Road, Brighton. The registered office of T. & J. Gover, Ltd., will remain at 10 Walton Street, Walton-on-the-Hill, Tadworth, Surrey.

WILLIAM BLYTHE & CO. LTD. — First-half 1967 profits have been maintained at the same level as for the corresponding period of 1966 and the directors consider profits for the year will be similar to those for 1966. The interim dividend is unchanged at 5 per cent.

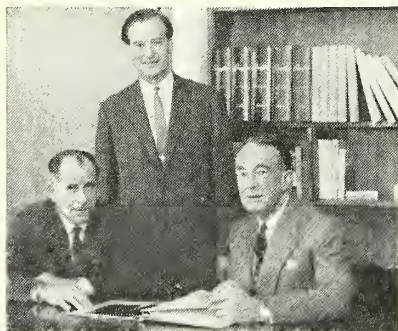
PHILIP HARRIS (HOLDINGS) LTD. — Final dividend 1s. 6d. making 2s. 6d. (same) per £1 share for year to March 31. Group net profit £55,458

(£52,171) after tax, £31,597 (£28,205). Surplus on sale of leasehold premises £72,729 (nil). Turnover again showed a substantial increase with exports up £44,000 to £388,000.

UNIGATE, LTD. — A final dividend of 9 per cent. for the year ended March 31, is recommended. Total is unchanged at 14 per cent. Group trading profit was £13.5m. (£12.5m.) and after heavier depreciation and interest the pre-tax balance rose from £7,782,103 to £8,304,185. Tax takes £3,035,242 (£2,220,197); net profit is £5.3m. (£5.6m.).

BORDER CHEMICALS, LTD. — Imperial Chemical Industries, Ltd., has given agreement to the transfer to British Petroleum Co., Ltd., of the one-third share in Border Chemicals, Ltd., formerly owned by the Distillers Co., Ltd. This forms part of the deal, announced in January, whereby B.P. would acquire Distillers' chemicals and plastics interests. I.C.I. retains its one-third share in Border Chemicals, Ltd., as previously.

UPJOHN, LTD. — Lord Shawcross succeeds Mr. Alistair A. Smith as chairman. Mr. Smith is continuing as a member of the boards of Upjohn International and Upjohn, Ltd., and is leaving for Kalamazoo, Michigan, headquarters of the company's operations. The following new appointments to the board of Upjohn, Ltd., are also announced: J. Emerson, F.C.C.S. (finance), R. G. Jacob, L.R.C.P., L.R.C.S.Ed. (medical); R. Page (animal health); D. O. Singleton, B.Sc., F.R.I.C. (control); M. O. F. Tapper, F.P.S. (production) and B. O. Wright (sales). The board now consists of ten British and two North-American directors.



Lord Shawcross (right) with Mr. A. A. Smith and (standing) Mr. J. A. Smith, M.P.S. (managing director).

BUSINESS CHANGES

R. WESTON (CHEMISTS), LTD., are acquiring seventeen pharmacies on the South Coast as from September 1. They are: **HYTHE**—Ferry Pharmacy, High Street, 8 The Marsh, and 2 Merrie Mead, Dibden Purlieu; **SOUTHAMPTON**—48 Thornhill Park Road, Thornhill, 456 Bitterne Road, Bitterne, and 77 High Street, West End; **PORTCHESTER**—44 West Street, 50 White Hart Lane, and 238 White Hart Lane; **PORTSMOUTH**—Paulsgrove, 3 Saunders House, Leith Avenue, and 61 London Road, Cowplain; **HORNDEN**—16 Portsmouth Road; **FAREHAM**—3 The Green, Stubbington and 101 Highlands Road;

BISHOP'S WALTHAM—The Pharmacy, High Street; **LEE-ON-SOLENT**—115 High Street and 152 High Street. The last mentioned will trade as G. G. Rule, the remainder as R. Weston (Chemists), Ltd.

Appointments

QUICKFIT & QUARTZ, LTD., Stone, Staffs., have appointed Mr. Thomas Turnbull technical services manager.

CLAIROL, LTD., 66 Baker Street, London, W.1, have appointed Mr. D. Wyeth as sales representative for the South-east London area.

P. B. COW (LI-LO), LTD., Liverpool Road, Trading Estate, Slough, Bucks., have appointed Mr. R. S. Burnley area representative for Lancashire, the North-west and North Wales.

BUSH BOAKE ALLEN, LTD., announce the following appointments: Mr. T. Powell, F.P.S., general sales manager responsible for both United Kingdom and export sales activities for all flavour and pharmaceutical products; Mr. R. G. Sanderson, to head a team of four sales managers including Mr. A. J. Iveson with responsibility for pharmaceutical and fine chemical trades; Mr. C. Nichol, export controller of the flavour division.

PERSONALITIES

MR. H. J. FREETH, representative of E. C. De Witt & Co., Ltd., in the Yorkshire area for the past twelve years has retired owing to ill health.

MR. GRAHAM KEDDIE, younger son of Mr. Peter Keddie (chairman and managing director, John Wyeth & Brother, Ltd.), has gained a First Class Honours Degree in Modern Greats at Queen's College, Oxford.

PROFESSOR A. H. BECKETT has accepted an invitation from the International Olympic Committee to be a member of their newly instituted medical commission, which will advise on all medical and technical matters in connection with Olympic sports and the Olympic movement.

REV. R. CLELAND, at present curate of St. Paul's Church, Portman Square, London, and once a Northern Ireland pharmacist, is being inducted as vicar of All Saints' Church, Ilkley, West Riding of Yorkshire, on November 1. A native of county Down, Mr. Cleland studied pharmacy at the Belfast College of Technology and, after qualifying, opened his own business in Belfast in 1950. Eight years later he entered St. Aidan's College, Birkenhead, Ches., to train for the ministry, and was ordained in 1960.

DR. A. BOWERS, recently appointed executive vice-president of Syntex Laboratories, Inc. (the U.S. subsidiary of Syntex International), graduated from London University with a B.Sc. degree in chemistry. Later he gained a Ph.D. degree in organic chemistry from the University of Manchester and pursued studies under a Fulbright Fellowship at Wayne State University, Detroit, U.S.A. In 1964, Dr. Bowers became the first non-national to be awarded the Science Prize by the Mexican Academy of Scientific Investigation.

Joining Syntex International in 1956, he has published more than 90 scientific papers on steroid research and has originated more than 120 U.S. patents.

DEATHS

ASHWORTH.—Recently, Mr. Tom Ashworth, M.P.S., 179 Bedford Street, Liverpool, 7. Mr. Ashworth qualified in 1907.

BOLIN. — On July 9, Miss Erna Mathilda Elizabeth Bolin, M.P.S., Foxcombe Flat, South Harting, nr. Petersfield, Hants. Miss Bolin qualified in 1918.

BURKE. — Recently, Miss Eileen Mary Burke, M.P.S.I., Carn Derg, Drogheda, co. Louth, Eire. A native of Drogheda, Miss Burke qualified in 1935 and opened her own pharmacy about fifteen years ago. An active member of Louth Pharmacists' Association, she had held a number of different offices in the organisation and was also a prominent member of the local archaeological society. Miss Burke became unwell while driving her car. She was taken to Our Lady of Lourdes' hospital, Drogheda, by a passing motorist and died shortly after admission.

CARR.—On May 25, Miss Marjorie Carr, M.P.S., 124 Main Street, Rawmarsh, nr. Rotherham, Yorkshire. Miss Carr qualified in 1957.

FRASER. — On July 11, Mr. John Fraser, M.P.S., 106, Queen's Road, London, S.E.15. Mr. Fraser qualified in 1934.

HEDLEY. — On May 24, Mr. Lancelot Martin Hedley, M.P.S., 25 Heath Grove, Harrogate, Yorkshire. Mr. Hedley qualified in 1922. He became treasurer of Harrogate branch of the Pharmaceutical Society in 1950.

HUGHES. — Recently Mr. David Gay Hughes, M.P.S., Seafeld Street, Elgin, Morays, aged seventy-nine. Mr. Hughes, who qualified in 1909, had been in business in Elgin since 1927. He served for a number of years on the Banff, Moray and Nairn Executive Council.

LEEDAM.—Recently, while on holiday in Ireland, Mr. Derek Bentley Leedam, M.P.S., 179 Reedley Road, Brierfield, Lancs, aged thirty-five. Mr. Leedam died while attempting to rescue a boy from the sea at Goleen, co. Cork. He worked with his father and brother in the family business, C. H. Leedam & Sons, 194 Chapelhouse Road, Nelson, Lancs.

TULK. — On June 27, Mr. Ronald Harry Tulk, M.P.S., 190 Devonshire Hill Lane, London, N.17. Mr. Tulk qualified in 1925.

SWAIN. Recently, Mr. John Arthur Swain, M.P.S., 164 Lancaster Road, Morecambe, Lancs. Mr. Swain qualified in 1923.

WAIT.—On July 8, Mr. Alexander Wait, M.P.S., 109 Danes Drive, Scotstown, Glasgow, W.4, Lanarkshire. Mr. Wait qualified in 1907.

WEBB. — Recently, Mr. William George Webb, M.P.S., Bellerive Pharmacy, 26 Cambridge Street, Bellerive, nr. Hobart, Tasmania. Mr. Webb qualified in 1936.

A CENTENARY PROJECT COMES TO FRUITION

H. & T. Kirby & Co., Ltd., open new factory in East Anglia

NOW 101 years old, H. & T. Kirby & Co., Ltd., recently showed their confidence in the future by moving from their Willesden, London, factory to a tailor-made building on a new industrial site at Mildenhall, Suffolk.

Over the past few years the company's growth rate had caused overcrowding at their former headquarters, their home since 1914. In order to maintain that rate of growth an expansion of their premises was imperative, but building restrictions in the London area were imposing considerable delay and during the centenary year the important decision was taken to move out of London.

To test local conditions at Mildenhall Suffolk, the company first took a small unit factory and ran it as a pilot plant. Trials proved satisfactory—and the unit, which they still own, was used as a storage depot and base during the move. The main building occupies 45,000 sq. ft. on a four-acre site. Future expansion will be possible without interfering with current production, and the layout and design of the factory have been worked out to accommodate the estimated growth over the next twenty years.

Raw materials arriving at the factory are stored on expandable pallet racks, allowing easy access and maximum room for expansion. They move on as required to the manufacturing, packaging and dispatch areas, which are in the form of a letter U. In the manufacturing area are an automatic tablet and bottling line, fluid-bed driers, a quality-control laboratory and a sterile products area for filling antibiotics, sterile eye drops, etc. Modern litho and letterpress printing equipment are available for the production of labels, show material, cartons, literature and "fly sheets" which are required in many languages because the com-



Main factory building at Mildenhall, now in full production.

pany exports over 55 per cent. of its total production.

A reminder of the importance that exports have played in the company's history was given by MAJOR-GENERAL S. W. KIRBY (chairman of the company), at a ceremony on July 28 to mark the formal opening of the premises. One of the first contracts to be obtained by the founder of the business, Edward Adolphus Kirby, involved, he said, supplying first-aid boxes for Indian workers building the Delhi-Bombay railway during the 1860's. The company's name was perhaps better known abroad than at home, because in the home market many of the products were supplied under the chemist's own name.

Opening ceremony — the unveiling of a plaque — was performed by MR. ELDON GRIFFITHS, M.P., who said that, in recent years, the drift of population away from rural areas, particu-

larly East Anglia, had become a social problem. Agriculture and country service activities had not been sufficient to dissuade considerable numbers from seeking higher wages in the big cities. It was therefore encouraging to see a well established and export-minded company reversing that trend. Congratulating the company on its export achievements Mr. Griffiths said that they were not only competing for trade in world markets against such large exporting countries as Japan, Germany and the United States, but they now had to face competition from emergent nations where labour costs were much lower than in industrialised countries.

New staff has been recruited locally, but many of the company's experienced employees, some of whom have been with the company for up to fifty years, decided to move to Mildenhall. In all about fifty families were involved.

NORTHERN IRELAND HEALTH COSTS

Trend to fewer contractors continues in 1966/67

THE number of chemists providing pharmaceutical services fell for the fifth successive year during the twelve months covered by the annual report for 1966-67 of the Northern Ireland General Health Services Board. Chemists under contract with the Board at the end of the year numbered 614 (a drop of four) and shops 663 (a decrease of eight). One pharmacy was opened during the year in a village previously without a chemist, but the number of shops is expected to decrease as smaller and uneconomical units close down. Prescription forms dispensed fell by 102,005, a decline accelerated, during the first three months of the year by absence of an influenza epidemic. Prescriptions per form rose but the average cost per form, which had risen to 8s. 10½d. in July, fell during the second half of the year — a decline attributed largely to less expensive antibiotics. Container allowance increased from 1½d. to 1½d. per prescription at August, 1966. Payments to chemists during the year (covering the period February 1, 1966, to January 31, 1967) came to £6,125,406 for 10,073,074 prescriptions (up 7.5 per cent.) on 6,518,946 forms (up 4.22 per cent.). £8,950 was paid for rota services in Belfast and other large towns.

A reduction of one (to fifty-two) took place in the number of doctors' practices required to dispense for patients, but the number of dispensing doctors remained unchanged at fifty. A fall of 984 (to 66,985) occurred in the number of patients for whom they dispensed. During the year five drugs were added to the special list of drugs for which dispensing doctors are entitled to payment in addition to the capitation fee. On July 1, 1966, data processing for calculation and payment of chemists' accounts were transferred to the Ministry of Finance's computer — a change that is expected to enable future increases in the number of prescriptions dispensed to be much more easily dealt with.

Ninety-five of 102 tests of drugs and appliances carried out during the year were satisfactory. To cases in which there was a slight discrepancy resulted in a warning for the chemists. Three were referred to the Services Committee. In two cases chemists, by their actions after the prescriptions had been dispensed, invalidated the test. All premises except one that was visited by the Board's pharmaceutical officer were found satisfactory. The report (price 3s.) is available from the Board at 27 Adelaide Street, Belfast, 2.



After the formal opening ceremony Mr. Eldon Griffiths, M.P. (left) examines a tablet-compressing machine. His escort is Mr. Neville Kirby (managing director).

TRADE NOTES

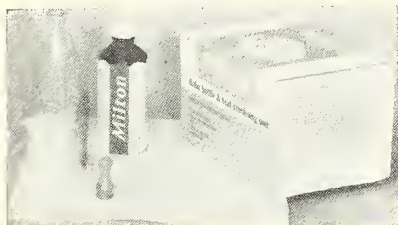
Now Tax-free.—Parke Davis & Co., Staines Road, Hounslow, Middlesex, announce that Dermatec comfort pads are now exempt from purchase tax.

Now Tax-free.—Ortho Pharmaceutical, Ltd., Saunderton, Bucks, state that the following products have become exempt from purchase tax:—Ortho dienoestrol cream; Droperidol tablets and Triperidol tablets.

A 50-gm. Pack.—Schering Chemicals, Ltd., Victoria Way, Burgess Hill, Sussex, have introduced a 50-gm. pack of Ultralanum and Ultralanum plain. The majority of wholesalers in the United Kingdom are understood to hold stocks of the new presentation.

Forces Combine.—Potter & Clarke, Ltd., Barking, Essex, state that for the first time for many years pharmacists are now able to meet a Potter & Clarke representative. The combined De Witt and Potter & Clarke sales team commenced to operate on August 1.

Spray Deal.—A package deal of perfume sprays available from Jackel & Co., Ltd., Kitty Brewster Estate, Blyth, Northumberland, includes a range comprehensive in design and at prices lower than combined cost price for each. The sprays cannot, however, be purchased as single numbers.



BOTTLE-STERILISING UNIT FOR HOME USE: The Milton sterilising unit (feeding bottle, teat and medium-sized bottle of Milton), recently introduced by Milton division of Vick International, Ltd., 10 New Burlington Street, London, W.1.

Product Replaced.—Reckitt & Sons, Ltd., Hull, have withdrawn Dettol obstetric cream and replaced it by Dettol antiseptic cream. The new cream is equally suitable for use in obstetrics and also for general hand disinfection. Packs are 4-oz. plastic squeeze bottles and 1-lb. and 10-lb. dispensing packs.

Thermometers from Japan.—Sole distributors in the United Kingdom for the thermometers of Jintan Terumo Co., Ltd., Tokyo, Japan, are British Chemotheutic Products, Ltd., Kemtheutic House, Grant Street, Bradford 3, Yorks.

Competitions

Display Wins Refit.—The premises of Mr. W. McConnell, M.P.S.N.I., 390 Upper Newtownards Road, Belfast, 4, are to be refitted to the value of £1,000 by William Mason & Son, Ltd., 25 Wellington Street, Leeds. Mr. McCon-



nell won first prize in a display and merchandising competition for chemists organised by Beecham Products (U.K.), Great West Road, Brentford, Middlesex. Second prize of Nordia shop-fittings worth £500 was won by Mr.

D. C. C. Wallace, M.P.S., 126 Hilltown, Dundee.

Bonus Offers

EAREX, LTD., 23 Tulketh Street, Southport, Lancs, two swim plugs with every 1 doz. Earex drops, Earex swim plugs and/or anti-noise plugs assorted ordered through wholesalers. Until August 18 [Corrected note].

PROGRESS SHAVING BRUSH (Vulfix), LTD., Peel Road, Douglas, Isle of Man. Two PCS VSI brushes free with No. 18 parcel [Corrected note].

Premium Offers

BEECHAM TOILETRY DIVISION, Beecham House, Great West Road, Brentford, Middlesex. Vossene medicated shampoo. Threepence off standard-size bottle.

Trade Shows

JEAN SORELLE, LTD., 76 Great Portland Street, London, W.1. HENDON, Brent Bridge hotel, August 7-11. NEWCASTLE UPON TYNE, Five Bridges hotel, August 7-11.

SCOTT & BOWNE, LTD., 50 Upper Brook Street, London, W.1. HENDON, Brent Bridge hotel, August 7.

J. C. & J. FIELD, LTD., 225 Bath Road, Slough, Bucks. GATESHEAD, Five Bridges hotel, August 7-11. HENDON, Brent Bridge hotel, August 7-11.

MORNY, LTD., 201 Regent Street, London, W.1. HENDON, Brent Bridge hotel, August 7-10. NEWCASTLE, Royal Turks Head hotel, August 7-10.

GOYA, LTD., 161 New Bond Street, London, W.1. HENDON, Brent Bridge hotel, August 7-11. GATESHEAD, Five Bridges hotel, August 7-11.

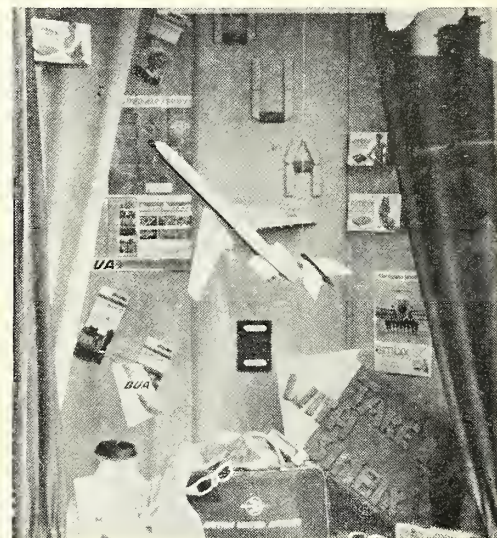
SHULTON (GREAT BRITAIN), LTD., 100 Brompton Road, London, S.W.3. HENDON, Brent Bridge hotel, August 7-11.

Discontinued

ELI LILLY & CO., LTD., Basingstoke, Hants. V-Cit-K tablets 60-mgm. pack of 100 when stocks exhausted (125 mgm. and 250 mgm. presentations continue to be available).

ABBOTT LABORATORIES, LTD., Queenborough, Kent. Erythrocin topical ointment ½-oz. tube No. 6339 (other Erythrocin products still available).

BENGUE & CO., LTD., Plus-Prin, pack of twenty.



PRIZE-WINNING DISPLAYS: First prize in the Simbix window-display competition organised by Britanol, Ltd., Kersal Vale, Manchester, 7 (see C. & D., April 29, p. 399) went to Ralph Cuthbert, Ltd., Huddersfield, Yorks, for the display shown at left, above; and second to Miss B. Tunstall (N. Brook & Son, Mirfield, Yorks), for the display at right, above. Prizes are a holiday for two in the Canaries. Twenty other chemists gained a long weekend for two in Paris.

the 'Wellcome' range of insulins—Soluble, Lente, Protamine Zinc, Globin, Isophane—and now 'Nuso' neutral insulin

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All are products of constant strength and
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SOUTHALLS (SALES) LTD., BESSEMER RD., WELWYN GARDEN CITY, HERTS.

Cumulative price changes

AMENDING C & D QUARTERLY PRICE LIST FOR JUNE 1967

D	A711 (1113 S & B)				Ayrton (78 AS & Co)				Censedal (971 PSMB) ts1s4A							
	bath cubes 9115 34 3				antiseptic cream 10 0				tablets 60mgm 2s 26 0							
	hand cream 9122 38 10				14 0				500 27 8ea							
D	talcum perfumed 9121 50 8				13 11				200mgm 2S 60 0							
	hand cream 9106 —				7 6											
	Acthar (61 APC) ts4B				pure yeast extract				Certo (130 Bird)							
D	gel 20iu/ml 5 mils 16 0ea				1 1oz 13 6				Certo (50S GFL)							
	40iu/ml 2 mils 11 6ea				3 1oz 22 6				Charco-lax (698 Keswick)							
	40iu/ml 5 mils 26 6ea				7oz 36 0				tablets							
D	Adcortyl-E (1176 Squibb)				16oz 67 6				22 9							
	cream 15gm				71lb 21 0ea				38 8							
	ointment 50gm				low sodium 3 1oz 24 9				70 0							
D	Adcortyl-EG (1176 Squibb)				7oz 39 0				Chemico (302 Chemico)							
	cream 15gm				7oz 22 9ea				household cleaner							
	ointment 15gm				Beaux' Stratagem (S12 GF)				medium 22 6							
D	Agfa (16 AGL)				men's Cologne 102 0				large 37 6							
	binoculars 8x30 —				Bisk-o-Lem (1530 Fisons)				No. 6 tin 86 0							
	case —				Bradlan (859 Moore)				28 lb. keg 23 0ea							
D	filters, slip on				tablets				Chypre (301 Coty)							
	mount 30-32mm —				50 12 0ea				dusting powder							
	35-5mm —				250 54 6ea				de luxe							
D	46mm —				4 10ea				357 39 0							
	30mm —				11 10				Cindico (264 Cindico)							
	32mm —				13 10				Bouncette							
D	Aireys (203 Brynn)				hot water bottles				58 4ea							
	soothing syrup 20 0				Cambridge No. 3				70 0ea							
					Cambridge No. 2											
D	Akaba (981 Picot)				Cambridge No. 3											
	perfume 1/2oz 92 6				Cleveland No. 3											
					Slumberdeep											
D	Albamycin (1263 Upjohn) TS				No. 2											
	tablets 250mgm 16 34 5ea				45 0											
D	Aldactide (1121 Searle) ts4B				swimming caps											
	tablets 40 31 2ea				fashion											
	100 73 0ea				Kate											
D	Allay (430 Eucryl) tDDI				hot water bottle				5 4ea				0 8ea			
	cough treatment 2S 0				Cambridge No. 2											
D	Aludrox SA (1352 Wyeth) ts1s4A				Burson (1388 TKC)											
	suspension 12oz 72 0				anklets pair 13 3											
					knee caps pair 13 3											
D	Ambassador (1363 Zygmont)				Cafadol (1253 Typharm)											
	Ambassador (1593 Ambassador)				tablets dpl00 90 0											
D	Ambodryl (938 PD)				Caladryl (938 PD)											
	elixir 4oz				aerosol spray				54 0				15 0			
D	Ambramycin (894 Nicholas) all products				Calaran (1169 G5 & S)											
	Ambre Solaire (52S Golden)				eyebrow and lash											
	satin aerosol 86 0				dye				58 0				15 11 1/2			
D	Amesec (413 Lilly) ts1s4A				Caleche (152S PDP)											
	Pulvules 100 7 7ea				bath oil											
	500 34 2ea				1oz 30 0ea				8 1ea				55 0			
D	Amin-Ex (760 Liga)				2oz 45 9ea				12 3ea				84 0			
	low protein biscuits 23 0				dusting powder				32 9ea				8 10ea			
					refill				3oz 16 6ea				4 5ea			
D	Amytal (413 Lilly) ts1s4A				soap standard				3oz 7 6ea				2 0ea			
	tablets 30mgm 100 1 11ea				de-luxe				3oz 23 0ea				6 2ea			
					talcum powder				3oz 11 6ea				3 1ea			
D	50mgm 100 2 3ea				Californian Poppy (76 Atkinson)											
	500 7 6ea				perfume trial 11 11				3 2				1 9			
	5000 65 8ea				standard				17 0				4 7			
D	100mgm				Calpol (218 Calmic)											
	100 3 0ea				paediatric suspen-											
	500 11 9ea				sion				4oz 48 0				6 0			
D	200mgm				Capla (623 HP) ts4B											
	100 5 3ea				tablets				100 71 10ea							
	500 23 3ea															
D	Andre Philippe (48 AP)				Capricci (Nina Ricci (1131 5 Hulston))											
	shampoo rose,				sachet PRI 11 9ea				3 2ea				21 4			
	lemon, liquid,				toilet water atomiser				R100							
D	medicated 14 10 0				Carat (1113 S & B)											
	shampoo liquid 16 —				perfumed spray set											
	Aqualtheron (835 M & J)				Casaque (Jean d'Albret (114S Sirex)											
D	Aqua Velva (1113 S & B)				perfume cream 87 —											
	Aqua Velva (1524 Chembro)				Cathomylin (837 MSD) TS											
	Arief 100 (938 PD)				tablets 250 mgm											
D	Kapsels 50 18 0ea				100 180 0ea											
	250 86 8ea				tablets				16 17 0ea				25 6			
									100 100 0ea				150 0			
D	Astrem (1320 WSP) ts1				Celontin (938 PD)											
	hand care 4oz 48 0				Kapsels				100 27 4ea				41 0			
					Celtex (1164 S5L)											
D	Atrixio (1164 S5L)				sanitary towels											
	hand care tin 409 120 1				super soft				12 20 3				2 1			
	tube 413 20 7								18 29 2				3 0			

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* WHOOPING COUGH

	Gayelord Hauser (234 Cartwright)						Icilmia (509 Gibbs) vanishing cream						L'Air du Temps (Nina Ricci (1131 Shulton))				
D	Gayelord Hauser (29 Alfional)					D	Ikoblitz (673 J of H) existing entry						crème parfumée				
	brewers yeast						Ikoblitz (673 J of H)						C.B.3. 10 9ea 2 11ea 19 6				
	powder 16oz 60 0 — 7 6					I	flashguns						sachet PBI 11 9ea 3 2ea 21 4				
	dried skim milk						LD cord — — — 40 1						Lancome (726 Lancome)				
	powder 16oz 43 4 — 5 5						shoe — — — 40 1						Hal-bronze — — — 25 6				
	extra potency yeast						6 cord — — — 75 6						Hal-filre — — — 18 3				
	tablets 100 34 0 — 4 3						plug in — — — 75 6						Hal-solre — — — 25 6				
	250 70 0 — 8 9						shoe — — — 75 6						Filter Solaire — — — —				
	wheat germ 12oz 42 8 — 5 4						M shoe — — — 79 7						Sunsport — — — —				
	Gevacolor (16 AGL)						cable — — — 79 7						Largactil (971 P5MB) †s4B				
	negative film N5						Ikophot (673 J of H)						tablets 10mgm 50 28 0 — 3 9				
	35mm cassette						exposure meter 3 — — — 201 8						500 19 8ea — 31 0				
	12exp — — — 6 11						CD — — — 294 9						25mgm 50 44 0 — 5 9				
D	reversal film R5 all sizes						Ikoscop (673 J of H)						500 32 2ea — 50 9				
	Gevapan (16 AGL)						slide viewer — — — 122 0						50mgm 50 84 0 — 11 0				
	film roll 127, 120,						Ilford (645 Ilford)						500 61 8ea — 97 0				
	620 — — — 3 10						cameras						100mgm 50 13 6ea — 21 3				
	35mm 36exp — — — 7 7						Electric CR 298 7ea 82 1ea 530 0						500 115 0ea — 181 6				
	Gillette (514 Gillette)						L 339 5ea 93 4ea 602 6						Laryncol (835 M & J)				
	travel pack 52 1 13 11½ 7 6						SR 418 4ea 115 0ea 742 6						throat spray metered 44 2 — 4 11				
D	Glucio-Fedrin (938 PD)						Elmo C-200 1142 7ea 314 2ea 2028 0						D Layla (1000 PPL)				
	Goddess (280 CP)						Ilfomatic universal 24 6ea 6 9ea 43 6						I Layla (1412 Jackel)				
	hairspray standard 35 1 9 7 5 0						case 7 9ea 2 1ea 13 9						D nail/enamel transparent				
	large 46 3 12 7 6 7						Monarch 247 8ea 68 1ea 439 7						D Lectric Shave (1113 5 & B)				
	Goya (532 Goya)						case 1 4ea 3 1ea 20 1						I Lectric Shave (1524 Chembro)				
	Piquant						Sportsman 300 160 11ea 46 1ea 287 6						Lederstatin (746 Lederle) T5				
	Cologne 25cc 57 8 15 5½ 8 6						case 24 11ea 6 8ea 44 2						capsules 300mgm 16 26 0oz — 39 0				
	gift size 62cc 86 6 23 2½ 12 9						flashgun Illoflash 7 9ea 2 1ea 13 9						100 155 4ea — 233 0				
	luxury 170cc 113 8 30 5½ 16 9						Imferon-D (1530 Fisons)						500 748 8ea — 1123 0				
	spray 62cc 110 3 29 6½ 16 3						disposable syringes 5x5mils 31 3ea — 46 11						2oz 9 0ea — 13 6				
	stick 20gm 38 5 10 3½ 5 8						Impora (1569 5AC)						suspension				
	creme perfume						body oil 170gm — — — 17 6						Leichner (749 Leichner)				
	flowette 55 11 14 11½ 8 3						Imprevu (301 Coty)						Kamera Klear				
	eau de toilette						soap (1) 282.09 36 10 9 10½ 4 11						cheek tint 59 0 16 3 9 6				
	25cc 72 11 19 6½ 10 9						(3) 110 6 29 8 14 9						cream powder 74 0 20 4 11 9				
	perfume miniature 64 5 17 3½ 9 6						Ingram (172 BMCL)						eye liner 66 0 18 2 10 6				
	gift size 125 6 33 7½ 18 6						Lanolin Gold shave cream						eye shadow				
	royal flacon 855 0 229 3 126 0					D	Iso-Rapid (16 AGL)						cream 59 0 16 3 9 6				
	spray 120 5 32 3½ 17 9					I	camera C — — — 113 11						face powder 97 0 26 8 15 6				
	Guerlain (548 Guerlain)						outfit — — — 161 8						face shaper 59 0 16 3 9 6				
	film spray lotion — — — 39 6						Jack Tar (1335 Wigglesworth)						glow tone 85 0 23 4½ 13 6				
	sun kit bag — — — 19 6						oil & tar remover 4oz 16 0 — 2 6						lipstick 59 0 16 3 9 6				
	Gumtex (1413 P & S)						Jeypine (671 Jeyes)						mascara block 66 0 18 2 10 6				
	(distributors 1545 Vestric)						disinfectant 31 6 — 3 6						tinted foundation 66 0 18 2 10 6				
	Habanita (Molinar (960 ADP))						economy 31 6 — 3 6						D anti-acne facial pack, cream & lotion				
	perfume 2704 62 6ea 16 10ea 117 6						Jintan (5 Actabs)						D Beauty Touch compact & refill				
	presentation 2507 25 6ea 6 10ea 47 6						breath refresher						D blood congealed 701				
	2506 38 6ea 10 4ea 73 6						pearls 200 36 0 9 11 2 6						D cream eyeshadow 281				
	2505 60 6ea 16 3ea 112 6						(2doz) 78 0 10 8 5 9						D eye cosmetic & brush 606				
	2504 95 6ea 25 7ea 175 0						Johnny Bunny (203 Brynn)						D eyeliner 296				
	concreta single						cough mixture 21 0 5 1 3 0						D kamera klear base 350 & 351				
	boule 9 10ea 2 8ea 17 9					I	pastilles 10 0 2 8 1 6						D night cream patti 253				
	Haemorex (333 Cupal)						Jussy St. James (475 FG)						D poudri de luxe 100				
	30 0 7 5 4 6						perfumes						D spirit gum substitute 1065				
	Halex (80 BXL)						small plush						D vitamin skin food 222				
	ladies brush sets						animal 730						Lentheric (753 Lentheric)				
	engine turned						box of 50 166 8 45 10 5 11						12 eau de toilette				
	3-piece E695 292 0 80 4 43 3						petite lamp B22						2oz — — — 42 0				
	Hall's (1511 IW)						box of 50 110 0 30 3 3 11						4oz — — — 77 6				
	wine bottle 171 6 — 18 0						piano grand 539						8oz — — — 122 6				
	Happy Feet (1383 MFCC)						box of 12 85 0 23 4½ 12 6						spray — — — 78 9				
	Danish exercise clogs						royal coach 339						refill — — — 52 6				
	Aurora						box of 12 160 0 44 0 23 8						perfume ½oz — — — 70 0				
	brown suede 32 0ea — 48 0						violin 725						½oz — — — 107 6				
	white calf 33 0ea — 49 11						bellows 784						1oz — — — 168 0				
	Brigita 39 6ea — 59 11						Juvite (698 Keswick)						atomiser — — — 63 0				
	Georgina 39 6ea — 59 11						rejuvenating tablets 38 8 10 8 5 9						refill — — — 50 0				
	exercise sandals					D	K2r (1000 PPL)						LIF (475 FG)				
	Britra ladies 42 0ea — 63 0					I	K2r (1412 Jackel)						perfumes				
	Gymsa childs 19 10ea — 29 11						stain remover						sheath of muguet				
	adults 21 0ea — 31 11						aerosol 72 0 — 8 11						466 box of 12 26 4 7 3 3 11				
	raised heel 26 7ea — 39 11						Kako (667 JCL) flashgun						volubilis 363				
	spare straps 5 6ea — 8 3						Kakonet (667 JCL)						box of 4 25 10 7 1 11 6				
	Kitty ladies 39 0ea — 58 11						flash unit — — — 179 6						fontaine murale				
	Savanto childs 14 0ea — 21 0					D	B-type — — — 159 6						357 box of 4 30 0 8 3 13 6				
	adults 15 0ea — 22 11						capsules 250mgm 100 66 8ea — 100 0						colliers 220				
	spare straps 4 7ea — 6 11						1000 643 6ea — 965 3						box of 6 28 8 7 10½ 8 6				
	Harriet Hubbard Ayer (852 Molyneux)						Keswick's (698 Keswick)						diabolos 331				
	blue kit — — — 48 6						vegetable charcoal						box of 4 28 8 7 10½ 12 9				
	mini-kit — — — 28 0						tablets 22 9 6 3 3 3						clematites 355				
	mascara new silk — — — 15 6						38 8 10 8 5 9						box of 4 23 6 6 5½ 10 6				
	long-lash — — — 9 6						70 0 19 3 10 0						fer forge 336				
	refill — — — —						Kodak (711 Kodak)						box of 4 30 0 8 3 13 6				
	Helena Rubinstein (596 HR)						Instamatic camera						chevelets B339				
	Ultra Feminine						"154" 109 11½ea 30 3ea 199 5						box of 4 30 0 8 3 13 6				
	beauty oil — — — 45 0						Instamatic movie						Lillies of the Valley in Bloom (981 Picot)				
	estrogenic — — — 45 0						camera M5 468 0ea 128 8ea 848 8						perfume ½oz 80 6 22 2 12 0				
	hormone cream — — — 45 0						case 799 26 0ea 7 2ea 47 2						Limmits (1552 UL)				
	Hibitane (649 ICI)						projector Carousel						pastilles 112 6 — 12 6				
	antiseptic lozengest†						5-AV 1086 8ea — 1630 0						chocolate peppermint				
	20 16 0 4 5 2 6½						Retina camera 52 429 0ea 118 0ea 778 0						cream 22 0 3 8 2 9				
	gluconate solution						Kopil (667 JCL)						D Lisette (1000 PPL)				
	20% 1gall 338 0ea — —						cameras						I Lisette (1412 Jackel)				
D	Hi-Lift (422 EG) existing entry						Kobena TL-3 — — — 1179 6						D Livogen (179 BDH)				
	Hi-Lift (422 EG)						TL-4 — — — 1399 6						D Lobron (994 P & M)				
	honey and yeast						TL-6 — — — 1599 6						I Lobron (832 MW)				
	tablets 150 37 9 — 4 6						camera slimline IC — — — —						D Lorilu (1440 ILL)				
	350 63 0 — 7 6						L'Aimant (301 Coty)						foundation mousse 11 4ea 3 1½ea 19 11				
	molasses and yeast						dusting powder						Loving Care (265 Clairol)				
	tablets 60 16 9 — 2 0						de luxe 348 152 9 41 0 22 6						creme after rinse				
	150 37 9 — 4 6						Splash Cologne						sachet 4 6 1 2 8				
	300 54 0 — 6 6						259-20 84 9 23 4 12 6						Ma Griffe (1469 PC)				
	Hogg's (1323 Westmacott)						260-20 122 3 33 7 18 0						bath oil 4843 23 9ea 6 4ea 42 0				
	Eetle-roach 90gm 14 6 — 1 8						357 39 0 10 6 5 9						mousse douce 4811 14 3ea 3 10ea 25 4				
	Humagel (938 PD) T5						L'aimant (301 Coty)						soap (3) 4851 12 0ea 3 3ea 21 0				
	suspension 150mils 13 2ea — 19 9						dusting powder						perfume 8044 — — — —				
	360mils 30 0ea — 45 0						5 splash Cologne						D Mandrax (1087 Roussel) †s4B				
D	Hygroton-Reserpine (501 Geigy)						259-20 84 9 23 4 12 6						capsules 12 40 0 — 5 0				
D	Ice Blue (1113 5 & B)						260-20 122 3 33 7 18 0						100 24 0ea — 36 0				
I	Ice Blue (1524 Chembro)						357 39 0 10 6 5 9										

Mandrax (1087 Roussel) †s4B tablets 1000 210 0ea — 315 0				Morning Pride (800 TM) shave cream brushless tube 19 2 5 3 2 10 jar 22 6 6 2 3 4				palette 4 619 — — 33 0 lauria 934 — — — 27 6 poudre desse 914 — — — 17 6 vesperale 638 — — — 30 6 638 — — — 55 6			
Man-Set (1192 SGD) hair spray for men 36 0 9 11 5 4				Morny (862 Morny) soap French Fern, June Roses, Pink Lilac, Gardenia, Lavender Flowers, Blue Carnation, Lily of the Valley, Wild Rose, Verbena, Sandalwood toilet (1) — — 2 3 bath (1) — — 3 7 visitors disks (5) — — 6 3 old packs — — —				Orthoxicol (1263 Upjohn) †DDI syrup 2oz 2 11ea — — 16oz 20 9ea — —			
Marinure (1369 WSHL) seaweed concentrate spray 1pt — — 10 0 2pt — — 18 6 1/2 gal — — 35 0 1 gal — — 60 0				Mother Seigels (800 TM) syrup 24 8 6 9 3 4				Ospolot (452 F8A) tablets 50mgm 250 31 8ea — 47 6			
n.p.k. fertilizer 14lb — — 17 6 28lb — — 32 6 56lb — — 50 0 1cwt — — 70 0 2cwt — — 135 0				Movex (16 AGL) cine camera auto outfit S small — — 599 6 large — — 714 0 outfit SV — — 904 5				Owbridges (925 Owbridge) (distributors 1545 Vestric) original lung tonic			
powdered manure 14lb — — 15 0 28lb — — 27 6 56lb — — 40 0 1cwt — — 60 0 2cwt — — 115 0				Mr. Nicol (1466 Nichol) hair spray for men 24 3 6 8 3 11				Pacquin (1113 5 & B) Pacquin (1552 UL) mauve label			
Mary Quant (876 MP) loads of lash (5 pair) 336 0 — 42 0				Muguet des Bois (301 Coty) dusting powder de luxe 348 152 9 41 0 22 6 talcum 357 39 0 10 6 5 9				Pagan (981 Picot) perfume 1/2 oz 80 6 22 2 12 0			
Maws (810 Maw) Tufty Tail pads standard (25) 47 2 — 4 11				Mum (172 8MCL) existing entry				Pandrin (346 Dales) Pandrin (1457 PP Ltd.)			
Max Factor (813 MF) Shadow Fling 119 4 31 2 17 6				Mum (172 BMCL) aerosol spray 3oz 47 3 12 4 6 5 4 1/2 oz 58 3 15 3 7 11 body spray 32cc 25 3 6 7 3 7 65cc 42 8 11 2 6 1 cream 18gm 16 2 4 3 2 4 deodorant stick 19 10 5 2 2 10 lotion 22 9 5 11 3 4 perfumed Rollette 35 5 9 3 4 11 refill 28 5 7 5 3 11 Rollette for men 35 3 9 3 5 1 refill 29 5 7 8 4 2 stick for men 21gm 23 11 6 3 3 3 84gm 55 1 14 5 7 6				Pantene (261 Christy) Set de Pantene 84 6 23 3 12 6 Paris (301 Coty) dusting powder de luxe 348 152 9 41 0 22 6 talcum 357 39 0 10 6 5 9			
Medihaler-bron (1061 Riker) † 200 dose 9 0ea — 13 6				Mycozol (938 PD) tube				Parke-Davis (938 PD) adrenaline chloride solution I-1000, 10 mls dicalcium phosphate wafers with vit. D. 36			
Medi-Swabs (H) (972 Pharmax) 10 x 100 71 0 — —				Myco (667 JCL) films (6) — — 8 8				PCM (878 Napp) tablets 100 60 0 — 6 8 500 22 0ea — 29 4			
Medrone (1263 Upjohn) TS Medules 4mgm 100 102 9ea — — tablets 4mgm 100 102 9ea — —				Nappy Change (1413 P & S) (distributors 1545 Vestric) aerosol foam 6oz 40 0 11 0 5 11				Peptinol (956 Peptinol) Personna (438 ER) blades, stainless, single edge 4 45 9 12 7 3 3 (25 pkts.) (25 pkts.)			
Megaclor (972 Pharmax) TS syrup 60mls 5 0ea — 7 6				Neo-Endrine (1352 Wyeth) †s4B spray 15mls 40 0 — 4 6 Nidrin (1154 5NP) 48 0 12 0 7 1				Peru (990 Peru) liquid extract 51 9 14 2 7 6 pomade 51 9 14 2 7 6 tablets 51 9 14 2 7 6			
Meggeson (994 P & M) Meggeson (832 MW) Meggezones (994 P & M) Meggezones (832 MW)				Niegeleh (580 DH & Co.) cuticle clippers N18 — — — N18 140 0 38 6 — N19 152 0 41 9 —				Photoflux (977 PE) flash bulbs PF60 26 0 — 3 0 PF100 32 6 — 3 9 PF45 26 0 — 3 0 PF60/97 26 0 — 3 0 PF100/97 32 6 — 3 9 PF45/97 26 0 — 3 0			
Metamsustac (972 Pharmax) †s4B tablets 15 mgm 30 4 10 1/2ea — 6 6				Nivea (1164 S5L) creme 363 41 2 11 1 6 1 366 39 5 10 8 5 10 367 58 4 15 9 8 9				Pickles (982 Pickles) Koolstick 24 0 6 7 3 6			
Metastab (147 Boots) TS tablets 100 102 9ea — 137 0				Nobecutane (394 DF) 50 mil pack				Pitressin (938 PD) †s4B tannote in oil 1ml 10 160 0 — 20 0 6 50			
Metrolen-M (1121 Searle) †48 tablets 21 — — —				Novobiocin (147 Boots) TS tablets 250mgm 16 34 5ea — 51 7 1/2 100 180 0ea — 270 0				Placodin (187 BS) tablets Plus (1565 P. Plus) cine cameras Plusmatic Super 85 — — 399 0 Super Z20 — — 599 9			
Midnight (385 DG) perfume aerosol 54cc 107 0 29 0 16 9				N.P.U. (810 Maw) vacuum Nu-flask 23oz 63 0 7 6 8 6 15 5 4 2 2 3				Polaroid (989 Polaroid) sunglasses 700, 701 — — 50 0 204 — — 33 0			
Milton (849 M) antiseptic 80oz 13 2ea — 17 6 sterilising unit 7 7ea 4ea 10 6				Nu-Bub (810 Maw) Nu-soft (810 Maw) kitchen roll 13 6 — 1 6				Pomade Divine (210 B & C) 25 0 6 10 3 6			
Mimospray (1413 P & S) (distributors 1545 Vestric)				Old Spice (1131 Shulton) hair groom 37 6 10 1 5 10 hair groom lime 54 0 14 6 8 5 suntan lotion cream 48 6 13 4 7 5 clear 57 3 15 9 8 8				Ponds (256 CPL) cold cream jar 42gm 26 10 7 4 3 3 9 dry skin cream jar 42gm 26 10 7 4 3 3 9 foundation cream jar 42gm 26 10 7 4 3 3 9 vanishing cream jar 50gm 26 10 7 4 3 3 9			
Minims (1154 5NP) amethocaine hydrochlor† 0.5% 100 65 0ea — — fluorescein sodium 2% 100 65 0ea — —				Olva (76 Atkinson)				Portia (1160 Solport) baby balances 56 0 — 7 3 outfits 110 0 — 13 9			
Minolta (667 JCL) cameras 35 mm A5-S — — 636 9 AL-F — — 759 6 Electro-Shot — — 999 6 Hi-Matic 7S — — 999 6 Hi-Matic 9 — — 1199 6 Repo 5 — — 598 11				Omega (1178 Stafford) † oil liniment 1 1/2 oz 12 9 3 6 1 10 4oz 30 0 8 3 4 1				Pretty Feet (1113 5 & B) existing entry			
cameras 2 1/2 in square Autocord — — 1171 11 Cd5 — — 1447 7				Omnivite Forte (1285 Vitamins) tablets 100 15 0ea — 22 6				Pretty Feet (1113 5 & B) bottle 50cc 34 1 9 4 4 7 roll ball applicator 55cc 37 10 10 5 5 1			
cameras cine 8mm Autopak 8-53 — — 1331 3 8-K3 — — 1599 6 8-K7 — — 2199 6 8-K11 — — 2763 6				Optima (16 AGL) cameras Rapid 250V — — 731 10				Pristacin (623 HP) pieces 144			
cameras instant load 16-11 — — 364 0 16-P5 — — 249 5 16-MG kit — — 840 0 Autopak 700 — — 799 6				Optone (690 Keldon) eye drops large 41 2 11 1 5 6				Propaderm-C (34 A & H) TS cream 15gm 8 4ea — 12 6 50gm 21 4ea — 32 0 ointment 15gm 8 4ea — 12 6 50gm 21 4ea — 32 0			
cameras 5.L.R. SRIV f2 lens — — 1399 6 SR7V f1.8 lens — — 1799 6 SRT101 f1.4 lens — — 2799 6 f1.7 lens — — 2399 6				Optrex (690 Keldon) eye lotion small 26 3 7 0 3 6 large 37 5 10 1 5 0				Presence (Houbigant (I Abbey)) eau de toilette 127-24 — — 17 9			
existing camera entry				Orabase (1176 Squibb) paste 5gm 19 0 5 0 2 10				Presence (Houbigant (I Abbey)) eau de toilette 127-24 — — 17 9			
Minotina 8 (667 JCL)				Ora-jel (1141 Simpkin)				Pretty Feet (1113 5 & B) existing entry			
Minox (673 J of H) camera B — — 1673 10 black satin finish — — 1886 0 projector Minomat N — — 1370 0 Minotact — — 800 0				Ora-jel (1141 Simpkin) Orlane (1145 Sirex) anti-rides 756 — — 39 0 757 — — 75 6 536 — — 19 6				Prism (1113 5 & B) existing entry			
Misslyn (1440 ILL) nail varnish cream 37 0 10 2 5 6 pearl 51 0 14 0 7 9 Demipearl 46 0 12 8 6 9				Orabase (1176 Squibb) paste 5gm 19 0 5 0 2 10				Prism (1113 5 & B) existing entry			
Monogram (857 ME) electric overblankets Countess single 170 6ea 45 8ea 273 0 double 196 8ea 52 9ea 315 0 dual 222 11ea 59 9ea 357 0 Peeress single 137 1ea 36 9ea 219 6 double 162 1ea 43 5ea 259 6 dual 193 3ea 51 10ea 309 6				Orabase (1176 Squibb) paste 5gm 19 0 5 0 2 10				Prism (1113 5 & B) existing entry			
hairdryer de luxe — — 199 6				Orabase (1176 Squibb) paste 5gm 19 0 5 0 2 10				Prism (1113 5 & B) existing entry			

Purapen G (1393 BRL) TS				100mgm				100				6 10ea				10 3				Suba-Seal (479 WF)			
vial 500,000 units				500				31 11ea				47 10				baby feeders boil-				able plastic com-			
I mega				5000				305 11ea				458 10				plete with silicone				teat			
Q-Tips (256 CPL)				tablets 50mgm				100				4 0ea				6 0				narrow neck			
cotton swabs				100mgm				100				5 8ea				8 6				8oz			
Queen (151 Boutalls)				1000				49 7ea				74 4				wide neck 8oz				IC60 39 6			
foundation cream				5000				245 1ea				367 7				complete with				IC61 43 6			
Radiol (1023 Radiol)				Secto-Kil (333 Cupal)				slug tablets				150				24 6				—			
4-oils 10oz				105				0				28 10½				15 6				—			
Rand (1540 SDR)				Serene (1164 SSL)				beauty cream 31gm				49 3				29 3				7 3			
automatic tooth brush				85gm				108 8				13 3				16 0				—			
home kit				20				8ea				5 8ea				37 6				—			
travel kit				16				8ea				4 7ea				29 6				—			
Redi Splint (938 PD)				Shadeine (657 IL)				hair tint				1oz				41 1				21 3½			
hand and wrist				30				2ea				—				—				6 1			
half arm				39				0ea				—				—				—			
full arm				45				7ea				—				—				—			
foot and ankle				45				7ea				—				—				—			
half leg				60				4ea				—				—				—			
full leg				66				6ea				—				—				—			
athletic (full leg)				80				9ea				—				—				—			
emergency kit				283				1ea				—				—				—			
Regula (980 Photopia)				Simbix (173 Britanol)				diet biscuits				42 9				—				4 9			
cameras				Olympic 1A				—				—				—				—			
case				—				—				—				—				—			
Sprinty C				—				—				—				—				—			
case				—				—				—				—				—			
Sprinty BC				—				—				—				—				—			
flash unit variant F				—				—				—				—				—			
variant F5				—				—				—				—				—			
cameras				—				—				—				—				—			
Rapid SE				—				—				—				—				—			
Rapid SL				—				—				—				—				—			
Sprintomatic				—				—				—				—				—			
Regulets (333 Cupal)				Sketch (Mollinard (960 ADP))				perfume				2704				62 6ea				16 10ea			
laxative tablets				30				15 6				3 10				2 4				—			
carton				12				8 3				2 1				1 4				—			
tin				36				15 6				3 10				2 4				—			
Renaissance (1052 Revlon)				Smokies (994 P & M)				concreta boule				33 7				9 3				4 6			
Moon Drops				5225				97 6				26 10				14 9				—			
blushing silk				111				0				30 6				15 6				—			
Restograi (203 Brynn)				Skol (1113 S & B)				sun tan cream				100 100				0				—			
hair tonic				115				3				31 8				17 6				—			
Revlon (1052 Revlon)				Slim Disks (1568 Trentham)				100 100				0				—				12 6			
Blondsilk				115				3				31 8				17 6				—			
Colour Silk †				115				3				31 8				17 6				—			
Richard Henry (295 CM & R)				Smokies (832 MW)				Sodium Amytal (413 Lilly) †s4A				ampoules				6 12 1ea				18 1			
hair sprays				31				0				8 6				4 7				—			
Riddohaler (1059 Riddell)				125mgm				single				2 2ea				—				3 3			
disposable inhaler				100				0				—				12 6				—			
Rinstead (994 P & M)				250mgm				single				3 3ea				—				4 10			
Rinstead (832 MW)				500mgm				Pulvules				100				4 2ea				—			
bath oil				4943				26 9ea				7 2ea				47 6				—			
talcum powder				4911				8 0ea				2 2ea				14 3				—			
perfume				9047				—				—				—				—			
Roberts (1068 Roberts)				200mgm				100				8 8ea				—				29 7			
zinc and castor oil				100				0				—				12 6				—			
cream				1oz				8 2				—				—				—			
2oz				12 7				—				—				—				—			
4oz				19 6				—				—				—				—			
Ronson (1079 Ronson)				5000				402 2ea				—				603 3				—			
automatic tooth-				tablets				100				3 8ea				—				5 6			
brush rechargeable				60mgm				100				28 9ea				—				43 1			
model				148				8ea				32 10ea				231 0				—			
electric razors				21				90 5ea				24 10ea				149 6				—			
model				200				96 5ea				26 16ea				159 6				—			
K-type				107				11ea				29 8ea				178 6				—			
M-type				120				7ea				33 2ea				199 6				—			
Tiana				95				3ea				26 2ea				157 6				—			
hairdryers				66				88 10ea				24 5ea				147 0				—			
695				114 3ea				31 5ea				189 0				—				—			
696				139 7ea				38 5ea				231 0				—				—			
Rio				60 2ea				16 6ea				99 6				—				—			
Rose Laird (1083 RL)				200mgm				100				8 8ea				—				29 7			
scalp and skin				F35				51 0				14 0				7 7				—			
lotion				84				0				23 0				12 5				—			
make-up remover				144				0				39 0				21 3				—			
corrective lotion all sizes				144				0				39 0				21 3				—			
R.T.U. (203 Brynn)				10mgm				100				43 1ea				—				119 9			
warfarin				10				0				—				—				—			
24				0				—				—				—				—			
64				0				—				—				—				—			
Rugard (1169 GS & S)				15mgm				100				64 7ea				—				96 11			
eyeliner				96				0				26 11½				14 6				—			
brush				40				0				11 0				5 11				—			
Sanoid (339 CG)				syrup				8oz				7 10ea				—				11 9			
first aid cream				12				0				—				—				—			
Sauna (957 Perl)				tablets 1mgm				100				15 6ea				—				23 3			
Original Finnish				1000				138 8ea				—				—				208 0			
soap				30				0				8 0				4 6				—			
Scherk (957 Perl)				5mgm				100				21 7ea				—				32 4			
face lotion				50cc				44 0				12 0				6 0				—			
100cc				78 0				—				—				—				—			
250cc				142 0				—				38 0				21 6				—			
Sea Witch (412 Elida)†				300mgm				100				8 4ea				—				12 6			
Seconal (413 Lilly) †s4A				Sodium				100				8 4ea				—				12 6			
Enseals 100mgm				100				8 4ea				—				—				—			
Pulvules 50mgm				100				4 7ea				—				6 10				—			
500				19 9ea				—				—				29 7				—			
Shadeine (657 IL)				hair tint				1oz				41 1				21 3½				6 1			
Signorricci (Nina Ricci (1131 Shulton))				after shave				GA5				28 9ea				7 9ea				52 6			
soap (single)				SG11				4 11ea				1 4ea				9 0				—			
(3)				SG1				14 9ea				3 11ea				27 0				—			
toilet water				G7				15 3ea				4 1ea				27 9				—			
atomiser				G6				20 6ea				5 6ea				37 6				—			
refill				G5				40 0ea				10 9ea				72 6				—			
Simbix (173 Britanol)				diet biscuits				42 9				—				4 9				—			
diet biscuits (bacon				Sketch (Mollinard (960 ADP))				perfume				2704				62 6ea				16 10ea			
grill, cheese crack-				presentation				2507				25 6ea				6 10ea				117 6			
ers, cheese and				2506				38 6ea				10 4ea				73 6				—			
apple, chocolate				2505				60 6ea				16 3ea				112 6				—			
wafer chocolate/				2504				95 6ea				25 7ea				175 0				—			
lime creams, farm-				concreta boule				33 7				9 3				4 6				—			
house grill, jaffa				Skol (1113 S & B)				sun tan cream				100 100				0				—			
cakes, lemon				Slim Disks (1568 Trentham)				100 100				0				—				12 6			
water)				42 9				—				—				4 9				—			
Sketch (Mollinard (960 ADP))				perfume				2704				62 6ea				16 10ea				117 6			
presentation				2507				25 6ea				6 10ea				117 6				—			
2506				38 6ea				10 4ea				73 6				—				—			
2505				60 6ea				16 3ea				112 6				—				—			
2504				95 6ea				25 7ea				175 0				—				—			
concreta boule				33 7				9 3				4 6				—				—			
Skol (1113 S & B)				sun tan cream				100 100				0				—				12 6			
Slim Disks (1568 Trentham)				100 100				0				—				12 6				—			
Smokies (994 P & M)				Sodium Amytal (413 Lilly) †s4A				ampoules				6 12 1ea				18 1							
Smokies (832 MW)				125mgm				single				2 2ea				—				3 3			
Sodium Amytal (413 Lilly) †s4A				250mgm				single				3 3ea				—				4 10			
ampoules				100				4 2ea				—				—				—			
125mgm				500				19 9ea				—				29 7				—			
250mgm				500				190 8ea				—				286 0				—			
500mgm				100				8 8ea				—				13 0				—			
Pulvules				500				41 7ea				—				62 4				—			
60mgm				5000				402 2ea				—				603 3				—			
200mgm				tablets				100				3 8ea				—				5 6			
60mgm				500				28 9ea				—				43 1				—			
200mgm				5000				141 7ea				—				212 4				—			
Softella (810 Maw)				100				6 3ea				—				9 4				—			
mini briefs				52				0				5 9				6 11				—			
sanitary briefs				47				0				5 2				5 11				—			
Sparklets (183 BOC)				syphons				Hostmaster				54 9ea				6 0ea				79 0			
bulbs C				55				2				9 2ea				6 11				—			
Starset (1188 Steiner)				44				0				12 1				6 6				—			
Staydry (1594 Bannen)				baby pants				47				3				—				5 11			
Stelazine (1153 SKF) †s4B				ampoules 1mgm				1ml				17 1				—				2 2			
concentrate				444				0				—				—				—			
Spanules capsules				2mgm				300				10ea				—				15 0			
10mgm				250				79 10ea				—				119 9				—			
15mgm				100				43 1ea				—				64 8				—			
syrup				100				64 7ea				—				96 11				—			
tablets 1mgm				8oz				7 10ea				—				11 9				—			
5mgm				1000				138 8ea				—				208 0				—			
Steradent (1037 Reckitt)				small				14 5				3 8				1 11				—			
powder				medium				24 3				6 2				3 3				—			
economy				33 2				8 5½				4 6				—				—			
tablets				17 16 1				4 1				2 2				—				—			
26 23 7				6 0½				3 2				—				—				—			
Stera-Fix (1037 Reckitt)				small				18 0				—				2 0				—			
large				31 6				—				—				3 6				—			
Stergene (382 Domestos)				handy pack				9 9				—				4				—			
(3doz)				—				—				—				—				—			
Strenol (1418 Strenol)				skin (eczema)				35gm				26 4				7 3				3 11			
cream (vet.)				1oz				—				—				—				—			
Suba-Seal (479 WF)				baby feeders boil-				—				—				—				—			
able plastic com-				—				—				—				—				—			
plete with silicone				—				—				—				—				—			
teat				—				—				—				—				—			
narrow neck				8oz				IC60				39 6				—				4 11			
wide neck 8oz				IC61				43 6				—				—				5 5			
complete with				Suba Clear teat				narrow neck				8oz				IC62				45 6			
wide neck 8oz				IC63				51 6				—				—				6 5			
breast reliever				IC3				74 4				—				—				—			
enema				IC16				85 0				—											

Tosca (1113 S & B) bath cubes 9116 34 3 9 5 7 1 eau de Cologne aerosol 1185 133 9 36 9 19 10									
Tri-Adcortyl (1176 Squibb) ointment 5mg									
Trombovar (93 BJ) ampoules 2cc 3% multivital 25mils 3% 10 32 5ea — — 1 31 2ea — — 12 374 0ea — —									
Tuinal (413 Lilly) ts1s4A Pulvules 100mgm 100 6 1ea — 9 1 500 29 3ea — 43 10 5000 285 0ea — 427 6 200mgm 100 9 11ea — 14 10 500 46 4ea — 69 6 5000 444 7 ea — 666 10									
Urovision (1479 SCL) ampoules 25mils 5 40 0ea — — 25mils 20 152 0ea — — vials 50mils 5 72 1ea — — 50mils 20 273 3ea — —									
Vaseline (256 CPL) shampoo cream bottle 70gm 21 5 5 11 2 11½ 123gm 31 1 8 6½ 4 4 beauty bottle 70gm 21 5 5 11 2 11½ 123gm 31 1 8 6½ 4 4 lemon bottle 70gm 21 5 5 11 2 11½ 123gm 31 1 8 6½ 4 4 medicated bottle 70gm 21 5 5 11 2 11½ 123gm 31 1 8 6½ 4 4									
Vital (76 Atkinson) Vitapointe (1530 Fisons) hair conditioner 17 6 4 9½ 2 7 26 4 7 3 3 9 shampoo cream sachet 6 2 1 8½ 10 bottle 21 6 5 11 3 0 liquid sachet 6 2 1 8½ 10 bottle 21 6 5 11 3 0									
Voigtlander (673 J of H) existing entry Voigtlander (673 J of H) cameras Bessy 5 — — 259 4 AK — — 683 8 Bessamatic Color Skopar f2-8 — — 2381 1 Septon f2-0 — — 3005 10 Ultramatic C5 Color Skopar f2-8 — — 2946 11 Septon f2-0 — — 3524 6 Vito C Color Lanthar — — 424 4 Vito CL Color Lanthar — — 754 5 Color Skopar — — 848 9 Vito CLR									
Color Lanthar Color Skopar Vitomatic 11B 111B Vitoret J D DR L Rapid D projectors Perkeo Automat 5 J AF J150 Perkeo ML D Warricks (994 P & M) Warricks (832 MW) Wellcome (208 BW) milk ring test (vet.) VPO 100 — — 39 3 D Williams (1113 S & B) Williams (1524 Chembro) Wiz Set (888 Newey) heated hair rollers (8) 7 4ea 2 2ea 13 6 Xerumenex (878 Napp) ear drops 12mils 72 0 19 10 9 8 Yardley (1355 Yardley) eyelighter 85 0 23 4½ 12 7 face base 46 0 12 7½ 6 10 face finish 44 0 12 1½ 6 7 face kit brush 25 0 6 10½ 3 9 lip lighter 85 0 23 4½ 12 7 lipstick Sukiepearl 568 42 0 11 6½ 6 3 Yeast-Plus (447 PF) extra energy tablets 50 35 0 — 4 6 D Yestamin (422 EG) existing entry Yestamin (422 EG) powder 8oz 35 9 — 4 3 16oz 52 6 — 6 3 7lb 21 2ea — 30 3 14lb 39 11ea — 57 0 tablets 50 16 6 — 1 11 100 23 0 — 2 8 300 50 6 — 6 0 1000 6 3ea — 9 0 2500 15 9ea — 22 6 5000 30 0ea — 42 9 18000 87 0ea — 124 0									
113 Bencard = Bencard, Beecham Research Laboratories, Ltd., Great West Road, Brentford, Middlesex. 01-560 5151. 203 Brynn = Brynn Manufacturing Co., Ltd., Wigmore Road, Ashton-in-Makerfield, Lancs. Ashton-in-Makerfield 77443. 336 Curacho = Curacho Co., The Old Drive, Vicarage Lane, Horley, Surrey, Horley 4311. 361 Dearborn = Dearborn (1923) Ltd., Kingsway House, Paradise Road, Richmond, Surrey. 447 PF = Philip Farrington, Ltd., The Homestead, St. Elmo Avenue, Offerton, Stockport, Ches. Stepping Hill 6979. 475 FG = Four Gee's (Woburn) Ltd., Woburn Green, High Wycombe, Bucks. Bourne End 21594. 492 Gambatra = Gambatra, Ltd., 11 Centurion Road, Brighton, 1. Brighton 29449. 505 GFL = General Foods, Ltd., Maxwell House, Banbury OXon. Banbury 4433. 512 GF = Giles Farnaby of London, Ltd., 43 Dove Street, London, W.1. Hyde Park 9435. 629 HL = Howard Lloyd & Co., Ltd., 103 Mount Street, London, W.1. Grosvenor 6801. 646 El = E. Illingworth & Co. (Bradford), Ltd., Sheffields, 5 Shelf, Yorks. Bradford 676261. 768 LA = Lloyd Anphar, Ltd., 103 Mount Street, London W.1. Grosvenor 6801. 769 LH = Lloyd-Hamoll, Ltd., 103 Mount Street, London W.1. Grosvenor 6801. 770 LP = Lloyds Pharmaceuticals, Ltd., 103 Mount Street, London, W.1. Grosvenor 6801. 793 MFL = Mapletons Foods, Ltd., Moss Street, Garston Liverpool. 832 MW = Meggeson-Warrick (division of White Laboratories, Ltd.), Penarth Street, London, S.E.15 New Cross 7878. 957 Perl = J. L. Perl, Ltd., 14 Westbourne Crescent, London, W.2. 01-723 6100. 994 P & M = Potter & Moore, Ltd., Seymour Road, London, E.10. Leytonstone 3334. 1201 Supertite = Supertite Manufacturing Co., Ltd., 107 Great Eastern Street, London, E.C.2. 01-253 0822. 1228 TAL = Thermoset Appliances, Ltd., Chapel Works, Evening Street, Failsforth, Lancs. Failsforth 1630. 1253 Typharm = Typharm, Ltd., 439 Richmond Road, Sheffield, 13. Sheffield 397260. 1369 WSHL = Wilfred Smith (Horticultural), Ltd., Gemini House, High Street, Edgware, Middlesex 01-952 6655. 1383 MFCC = M.F.C.C., Ltd., 14 New Meeting Street, Birmingham, 4. 021-643 4588. 1393 BRL = Beecham Research Laboratories, Great West Road, Brentford, Middlesex. 01-560 5151. 1446 Pearmoss = Pearmoss, Ltd., 53 Great Marlborough Street, London, W.1. 01-437 3102. 1540 SDR = S. D. Rand, Ltd., 29 Beak Street, London, W.1. 1563 SHBS = Swiss Home Beauty Services, 188 Church Road, Hove, 3, Sussex. 0273-777313. 1593 Ambassador = Ambassador Toilet Preparations Ltd., 3 Gt. James Street, London, W.C.1. Chancery 8946. 1594 Bannen = J. Bannen, Ltd., 34 Oxford Street, London W.1. 636-4659.									

AMENDMENTS AND ADDITIONS TO KEY TO SUPPLIERS

5 Actabs = Actabs division of Acton Pill & Tablet Co. Ltd., Orleston Mews, London, N.7. 01-607 0022.
29 Alford = Alford, Ltd., Alford House, Meadow, Farncombe, Godalming, Surrey. Godalming 3941.
64 AC = Arcadian Confections, Ltd., Crediton, Devon. Crediton 2251.

THIS WEEK'S CHANGES

Prices are given in the sequence Trade Price per Doz.; Purchase Tax per Doz.; Retail Price. Bold upright figures (2 9) in the retail price column indicate that the price is subject to resale price maintenance; italic figures (2 9) that it is recommended by the manufacturers; and light upright figures (2 9) that it is "notional" as a guide to the retailer in determining his own retail price.

Ardena (60 Arden) highlighter — — 19 6 refill — — 8 0 shader — — 19 6 refill — — 8 0									
R Dermatec (938 PD) comfort pads 40 0ea — 60 0 Dimotane (1071 Robins) expectorant † 20oz 30 7ea — 45 10 80oz 111 9ea — 167 7 DC DD 20oz 36 9ea — 55 1 16oz sizes									
Dulsils (147 Boots) existing entry Dulsils (751 LL)† lozenges 19 2 5 3 2 10 Elnett (525 Golden) Satin aerosol 18oz 106 6 29 3½ 15 9 Erythrocin (2 Abbott)T5 topical ointment †oz									
A Ethyl chloride (115 Bengue) local glass tube 30gm 57 0 — 6 4 refill 30gm 39 0 — 4 4 glass tube 50gm 61 6 — 4 10 refill 50gm 43 6 — 4 10 glass tube 100gm 93 0 — 10 4 refill 100gm 75 0 — 8 4 general glass tube 50gm 61 6 — 6 10 refill 50gm 43 6 — 4 10 glass tube 100gm 93 0 — 10 4 refill 100gm 75 0 — 8 4									
I Guards (994 P & M) after shave lotion 48 0 13 3 7 1 deodorant stick 41 0 11 4 6 1 hair cream 39 4 10 10 5 10 pre-shave lotion 51 5 14 2 7 7 shaving soap 51 5 14 2 7 7 talcum powder 41 0 11 4 6 1									
Kodak (711 Kodak) projectors Instantatic movie M55-L 325 0ea — 500 0 M60-L 383 6ea — 590 0 M70-L 643 6ea — 990 0 M80-L 773 6ea — 1190 0									
L'Air Du Temps (Nina Ricci (131 Shulton)) sparkling foam bath MB3 15 3ea 4 1ea 27 6									
R Largactil (971 PSMB)†s4B tablets 10mgm 50 28 0 — 3 6 500 19 8ea — 29 6 25mgm 50 44 0 — 5 6 500 32 2ea — 48 3 50mgm 50 84 0 — 10 6 500 61 8ea — 92 6 100mgm 50 13 6ea — 20 3 500 115 0ea — 172 6									

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Chelsea Drug & Chemical Co. Ltd. 310 Old Brompton Rd., London SW5

Leon's (1538 Marcos)					Ortho-dienoestrol (922 Ortho)ts4B					Sasorabia (1538 Marcos)				
black satin	—	—	5 3		R cream with	88 0	—	11 0		perfume	—	—	21 0	
hair grower	—	—	4 9		applicator	88 0	—	11 0		Sporostacin (922 Ortho)	—	—	—	
	—	—	7 9		tube only	68 0	—	8 6		• pessaries	15 84 0	23 0	12 5	
double strength	—	—	4 9		• pessaries	15 72 0	—	9 0		Sweetex (751 LL)	—	—	—	
	—	—	7 9		D Plus-Prin (115 Bengue)	—	—	—		liquid	1oz 22 6	—	2 6	
Khus-Khus pomade	—	—	4 6		Portia (1160 Solport)	—	—	—		powder	4oz 27 0	—	3 0	
Lady Gilo	—	—	7 9		styptic pencils carded	—	—	—		1lb 81 0	—	—	9 0	
hair dye	—	—	4 9		3" labelled &	—	—	—		tablets	100 9 0	—	1 0	
hair grower	—	—	7 9		cello wrapped	DI660C 3 6	11½	6		200 15 9	—	—	1 9	
Marvel hair dye	—	—	4 9		2" in plastic case	DI663C 5 0	1 4½	9		500 33 9	—	—	3 9	
hair grower	—	—	7 9		in polythene case	DI666C 7 3	1 11	1 1		D Top Score (147 Boots) existing entry	—	—	—	
	—	—	—							Top Score (751 LL)	—	—	—	
Maws (810 Maw)										hand care	30cc 14 2	3 10	2 1	
Simpla set	13 6ea	8ea	20 0							57cc 19 9	5 6	2 11	2 11	
Minims (1154 SNP)										115cc 32 1	8 10	4 9	4 9	
ephedrine	—	—	—							• Ultralanum (1479SCL) TS	—	—	—	
hydrochloride 20	14 0ea	—	21 0							ointment	50gm 20 2ea	—	30 3	
Minnims (1568 Trentham)										plain	50gm 19 2ea	—	28 9	
tablets	100 21 0	—	2 6							V-Cil-K (413 Lilly)	—	—	—	
Nivea (1164 SSL)										tablets 60mgm 100	—	—	—	
creme powder	39 3	10 10	5 11							Veramix (1263 Upjohn)ts4B	—	—	200 0	
deep cleansing milk	23 2	6 5	3 6							sheep sponge	20 133 4ea	—	—	
	36 5	10 10	5 6							50	—	—	—	
lipstick dew-kiss	36 5	10 10	5 6							Zam-Buk (1530 Fisons)	—	—	—	
liquid creme	—	—	—							ointment family	61 8	16 11½	8 2	
foundation	43 2	11 10	6 6											
N.P.U. (810 Maw)														
glucose	11b 15 3	—	1 9											
Nuderm (751 LL)														
gel	24 2	6 8	3 7											

A = Price Advanced
R = Price reduced
• = New entry
D = Delete
C = Correction
I = Insert

Right Guard (S14 Gillette)

• deodorant squeeze	32cc 25 9	7 1	3 11	
pack	—	—	—	
Robinson's (285 Colman)				
• baby rice cereal 6oz	16 0	—	1 8	
A instant foods for	—	—	—	
• baby	12 3	—	1 4	
A mixed cereal	8oz 16 0	—	1 8	
A ready cooked	—	—	—	
groats	8oz 16 0	—	1 8	

AMENDMENTS TO KEY TO SUPPLIERS

751 LL = Lenbrook Laboratories, Ltd., 1 Thane Road West, Nottingham. Nottingham 56111.
1123 SLL = Selpharm Laboratories, Ltd., Percival House, Pinner Road, Harrow, Middlesex. 01-427 9741.
1281 Vincent = L. E. Vincent & Partners, 10 Haymarket, London, S.W.1. 01-839 5445.

Birmingham : Bournemouth : Leeds : Liverpool : Sheffield

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60 grammes 4/6

120 grammes 8/3



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Alderley Park Macclesfield Cheshire

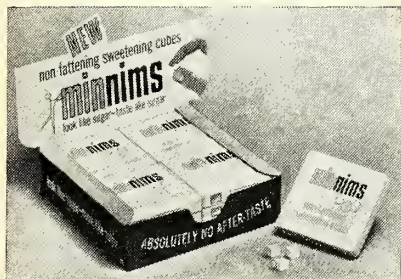


Ph564m

NEW PRODUCTS AND PACKS

SWEETENING TABLETS

In Cube Form.—Trentham Laboratories, 214 Arkwright Street, Nottingham, have adopted a cube shape for Minnims sweetening tablets based on sodium cyclamate (formula: sodium cyclamate, 70 mgm.; sodium saccharin, 5 mgm.; in a special base). Each tablet is understood to have a sweetening strength comparable to two lumps of



sugar. Sodium saccharin is included for its synergistic effect and also to achieve a lack of "after taste." The makers point out that Minnims are not effervescent tablets and give an entirely different sweetening taste to current saccharin tablets. The pack is a slim plastic pocket "dispenser" holding 100 cubes. Distributors are Vestric, Ltd., Chapel Street, Runcorn, Ches.

SLIMMING AIDS

With Peppermint Cream.—Following the successful acceptance of Limmits chocolate, Unicliffe Ltd., Unimart House, Stonar, nr. Sandwich, Kent, are adding a new addition to the range, Limmits peppermint cream, a plain



chocolate bar filled with peppermint fondant cream. Each 2½ oz. bar constitutes a complete meal replacement

which can help slimmers when it is eaten as part of a calorie controlled diet. The product is supplied in display outers each of which contains two dozen bars of the product.

SUNDRIES

In New Pack.—Now available from Maws Pharmacy Supplies, Ltd., Alders-



gate House, Barnet, Herts, are rayon-covered plastic baby pants with soft elastic, forward-facing legs. The pants are available in three sizes (white only). The pack takes the form of a cardboard miniature carrier bag on which is clearly displayed the retail price.

A Thermometer and its use.—A booklet recently introduced by G. H. Zeal, Ltd., Lombard Road, London, S.W.19, for use in conjunction with their fertility, ovulation or basal-pattern clinical thermometer, is designed for the rhythm method of family planning. It has been realised there is a need for explanatory literature upon the subject and it is hoped the new booklet will enable the user to appreciate and understand the medical background, along with the correct use of this special type of clinical thermometer. The booklet shows illustrations of the instrument in both Fahrenheit and Centigrade scales, as well as giving a brief medical explanation of the menstrual cycle, laying particular stress on the importance of plotting accurately the body temperature each morning on one of the monthly charts provided. Also included is a completed "example" chart for the benefit of the user, along with full instructions on how to plot the chart daily and on the use and care of the thermometer itself. The Zeal fertility thermometer is supplied in a black plastic case, with ranges of either 96 to 100°F. or 35 to 39°C. (both scales being subdivided every 0.1 degree and figured every full degree for ease of reading) and complete with the new self-explanatory booklet, which includes nine months' supply of temperature charts. A copy of the new booklet may be obtained by contacting Messrs. Zeal enclosing details of the addressee together with a four-penny stamp, and supplies of the ther-

момeter itself are available through the usual wholesale channels.

COSMETICS AND TOILETRIES

Bath Luxuries.—Shulton (Great Britain), Ltd., 100 Brompton Road, London, S.W.3, have introduced three new Carven "luxury" bath preparations: A bath oil in *Ma Griffe* and *Robe d'un Soir* fragrances; a talc in *Robe d'un Soir* (*Ma Griffe* has been available for time); and a soap in *Ma Griffe* fragrance.

Now in "Squeeze" Pack.—Right Guard aerosol deodorant of Gillette Safety Razor Co., Great West Road, Isleworth, Middlesex, is now sold in plastic "squeeze" bottle, allowing no

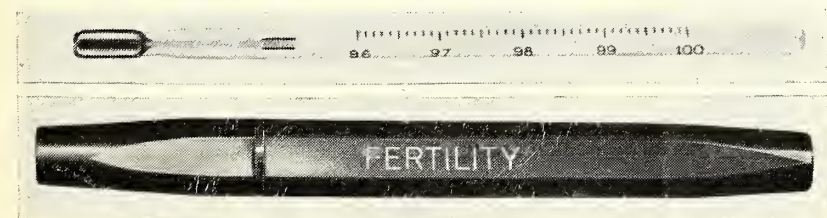


contact between deodorant container and the user and handy for the sports bag. The outer opens to form a window or counter display.

Dior series for Men.—Parfums Christian Dior, Paris, France, have brought out a new line of toiletries for men under the name *Eau Sauvage* (the name, say the manufacturers, is echoed in the scent: "a fresh bitter sweet nuance of sap, sea and sun" blended from cedar, lavender, rosemary, thyme, rock-moss and wild flowers. The pack has been styled after a fine English leather and the bottles, banded with silver to match the screw caps, are of 2, 4 and 8 oz., plus a 4-oz. atomiser. The series also includes an after shave in 2-oz. and 4-oz. flacons and 4-oz. atomiser, pre-shave in 2-oz. and 4-oz. flacons, and lather and brushless creams.

New Colours for Autumn.—Elizabeth Arden, Ltd., 25 Old Bond Street, London, W.1, claim to have taken inspiration from the Northern Lights for a range of new products to contrast with the yellow, orange, red and rich browns of autumn fashions. Northern Lights lipstick is a coral pink "bright enough to add sparkling colour in the duller days ahead." The new Ardena highlighter is described as a "gleaming magnolia-shaded pressed powder" whilst the Ardena shader is "a delicate taupe shade of pressed powder."

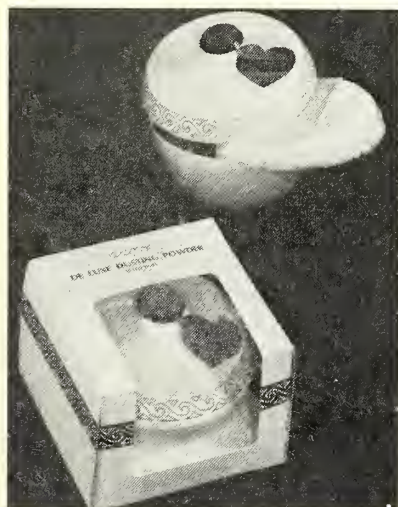
Against Brittle Nails.—An addition to the range of hand-care preparations by Wassen-Europ, Ltd., is a nail-polish remover, Voss Nail-Kind. The product



was formulated in response to requests from women for a nail-polish remover which, apart from being an excellent product in its own right, would also work effectively with their nail strengthener. It counteracts the hardening effect of normal removers. Moreover the strong smell that is a customary feature of nail varnish removers disappears immediately on application of Nail-Kind, leaving a pleasant fine faint perfume. Customers are usually allowed to test that claim for themselves by placing a few drops of Nail-Kind on the skin. It does not smudge nail varnish and is quick-drying, so that new varnish may be re-applied almost immediately after use.

For Throat and Neck. — Helena Rubinstein, Ltd., 3 Grafton Street, London, W.1, have launched two preparations "designed to cope with and prevent some of the most telling signs of age." Skin Life throat and neck lotion has astringent properties and Skin Life throat and neck cream is described as "an exclusive combination of imported natural extracts and emollients in a non-greasy base, but . . . easily spread and disappears into the skin." Besides the separate packs for lotion and cream, an introductory combination set of special sizes of each is available. A new Illumination range includes Lumina foundation, face powder and compact make-up in five shades (Radiant peach, honey beige, tawney rose, Lumina gold and Lumina copper). Lumina lipstick is offered in red, pink, honey, peach and gold sheen.

A New Soap and New Cosmetics. — Coty (England), Ltd., 3 Stratford Place, London, W.1, are "by popular demand" making available their *Imprévu* soap (originally featured in Christmas gift sets in 1966). The pale blue soap, stamped with the word *Imprévu* on one side and Coty on the other, fits squarely into the hand but has the "added luxury" of rounded edges. The 3-oz. tablet has an inner wrapper of transparent glassine and an outer of white-ridged paper wrapper outlined in the blue of the product. A blue and white



printed gold foil band completes the presentation. The soap is available singly or in carton of three. Messrs.

Coty also announce the addition to their *L'Aimant* range of a splash Cologne in 3-oz. and 6-oz. bottles, and of a *De Luxe* dusting powder in white polystyrene bowl and a smaller version of their perfumed talcum powder in lightweight flask. The dusting powder is available in *L'Aimant*, *Chypre*, *Paris*, and *Muguet des Bios* fragrances, and the pack includes a frothy white glove-puff, a window carton within the outer sleeve showing off the shape of the bowl to advantage. The polystyrene flask of the lightweight talcum powder is flat, easy to handle, and extremely convenient for packing when travelling.

Transparent Make-Up. — Estee Lauder, Ltd., 18 Davies Street, London, W.1, have devised "a new look for fall." "Eyes are pastel shadowed for a wide appealing effect, and lips are

touched with positive colour, then polished with gloss." Foundation for the new Estee Lauder look is a transparent powder base in shades "ranging from gentle blush to new honey beige and dusty beige (a darker tone without a hint of pink)." "Colour Contour" is then brushed on and a new "pastel sun" (a new coral tone) or "aurora pink" (with a delicate mauve note to compliment paler complexions). A third shade of Colour Contour is palest green "mint haze," a green shade intended to be brushed all over the face to "cool, lighten and lend luminescence to" the complexion. New shades of eye-shadow glow are "candlelight pink" and "sunlight beige," while "twilight grey" contours the area above the lid. Three new lipsticks are added in the Re-Nutriv formula. Egyptian pink, Bali peach and Aegean coral.

MANUFACTURERS' ACTIVITIES

Tennis Award. — For the first time the Personna tennis award 1967 was won by a doubles pair (Peter Curtis and Graham Stilwell) for their performance in reaching the semi-finals at Wimbledon.

"Miss Pears 1967." — Four-year-old Deborah Perryman, of Wembley, Middlesex, was recently crowned "Miss Pears 1967" by Stanley Holloway at the Theatre Royal, Drury Lane. Also in the picture is Kate Rimmer of Maldon, Essex, another of the six finalists.



Mr. Stanley Holloway bestows the "crown"

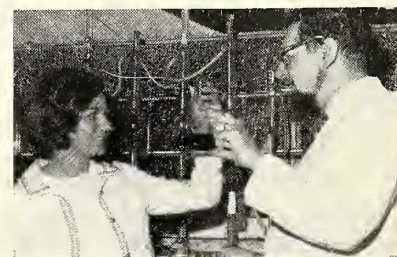
The 1967 competition attracted 73,826 entries. The event is held annually to find the prettiest little girl in the United Kingdom, entry forms being distributed through chemists and in advertisements in women's magazines. The other five finalists each received £100.

Medical Supplies by Air. — The air-freighting of pharmaceutical products is proving to be a successful system of distribution for Thomas Kerfoot & Co., Ltd., Vale of Bardsley, nr. Ashton-under-Lyne, Lancs. The company commenced to ship their products from Manchester airport by scheduled air freight service to Scotland in 1965, delivery being made to customers by Messrs. Kerfoot's own vehicles the fol-

lowing day. The service is greatly appreciated by retail pharmacists throughout much of Scotland and is being streamlined and extended. Orders telephoned to representatives in the Abbotsinch area are passed on immediately and in many cases are delivered the following morning.

Exhibition Film. — The Canadian Film Institute has selected a film prepared by Syntex Pharmaceuticals, Ltd., St. Ives House, Maidenhead, Berks, for showing to a medical audience at Expo 67. The film, "A New View of Corticosteroid Action in Inflammatory Dermatoses" describes how topical steroids correct biological dysfunction in skin tissue.

Celebration. — Mrs. P. Samuel, wife of the Hon. Peter Samuel (chairman, Mayborn Products, Ltd.), cut a 21-candle birthday cake at Sydenham, London, to celebrate the company's coming of age, recently. To mark the anniversary those present received a copy of a brochure, *Dylon 21*, which outlined the story of the company's minuscule beginning in the proverbial garage twenty-one years ago, when the managing director (Mr. L. G. Purbeck) worked late into the nights perfecting a new type of home dye, mixing the ingredients by hand in a kitchen bowl, filling aluminium tins with the dye powder, sealing them under a fly press and circulating samples to prospective customers.



"MISS TASMANIA" VISITS A FACTORY: "Miss Tasmania 1967," twenty-one-year-old Miss Gillian Fenton, photographed during a visit to the Ovaltine factory at Kings Langley, Herts. She is seen with Mr. S. C. Elliston (quality control chemist at the factory). Makers of Ovaltine are A. Wander, Ltd., 42 Upper Grosvenor Street, London, W.1.



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TELEPHONE: 01-353 6565

No Easy or Quick Answer

THE current furious controversy concerning "soft" and "hard" drugs and the most suitable controls that should be applied has recently escalated in a variety of likely and unlikely areas including Parliament and "pop" groups, the courts and even in whole-page advertisements in the *Times*. Many of the manifestations of interest have, it must be acknowledged, helped but little to solve the problem. It would even be fair to say that some have added difficulties to an already complex situation. The most serious aspect of the present main controversy is that it vitally concerns young people. It is therefore essential that an answer should be found without undue delay. The urgency has been impressed upon the subcommittee of the Advisory Committee on Drug Dependence which, the Home Office has announced, is currently studying the pharmacological, legal and social aspects of problems associated with "soft" drugs and will advise the Home Secretary in due course. However, the Committee should not be expected to provide a quick answer. The United Nations Commission on Narcotic Drugs has been considering the harmful effects of cannabis scientifically since 1953, and the international concern over amphetamines may be traced back to 1954 and in respect of barbiturates to 1956. So far as cannabis is concerned the Commission has repeatedly emphasised the view it had consistently held that cannabis is a substance to be subjected to the strictest measures of international control. The view has also been expressed that it could be "taken for granted that in a few years time" barbiturates, amphetamines, tranquillisers and hallucinogens would be "subject to a full measure of national control including controls on imports and exports, and possibly some other measures of an international character."¹

Those international viewpoints are now being challenged, and recently in the United Kingdom we have noted such problems being "solved" by those whose experience is limited and what has previously been considered as a mental disturbance or a vice needing careful therapy is being regarded by some as a social habit of consequence only to the individual concerned.

That attitude we cannot accept, for in modern society no individual exists in isolation. He must at some time or other come into contact with others, who may be the young and impressionable. For that reason, whilst readily appreciating that not all the data may yet be known, and that present-day facts may fall to be contradicted even in the near future, we should all, until

the present state of knowledge is changed, err on the side of caution—protecting those who may be put at risk by continuing toughly to enforce current controls, even though 100 per cent. achievement in that endeavour may not be attainable.

¹ *Bulletin on Narcotics*, XIX, No. 1.

Confectionery Plain and Medicated

Now that a decision has been given in a case under the Resale Prices Act contested before the Restrictive Practices Court (see *C. & D.*, July 29, p. 92), the likely attitude of the Court towards some aspects of cases still to be brought has become predictable if not apparent. In rejecting the claim of five manufacturers for exemption from the Act for sugar confectionery and certain chocolate goods, the Court expressed itself as unable to find that abolition of resale price maintenance was likely to make any appreciable or predictable difference to the prices at which confectionery would be sold by retail though it agreed that there would be lower prices in the short term. Nor could the court accept the manufacturers' estimates of the number of specialist confectioners in main streets that would go out of business so reducing the variety of products available to the public. Its own estimate was 10 per cent. Already there have been reports that cigarette and tobacco manufacturers believe their cases have been largely undermined by the decision, though they are said to be still intending to bring the arguments before the Court.

How far the decision in the first case to be heard affects the cases that are being prepared in respect of toilet goods and medicines remains to be seen. What may at once be said is that the decision directly affects pharmacists — albeit marginally — by removing price maintenance from items such as diabetic chocolate products. Boiled-sugar sweets (traditionally sold through pharmacies) and some pastilles will also be affected, but the dividing line between "sweet" and "medicine" may be narrow. Unless and until a test case is heard there is no way of being certain of the rules that will be applied. It seems likely that whether the product is "recommended" as a medicine, and thus covered by the Pharmacy and Medicines Act 1941, would be an appropriate criterion.

Users of the C. & D. Quarterly Price List will be aware that it contains a number of confectionery items that until now have been price-maintained. How they will be treated in the list in the future must depend on the attitude of the manufacturers themselves. If they are prepared, as most of them are, to "recommend" a retail selling price that will be indicated in the lighter type that has for some time been in use to distinguish "recommended" from "maintained" prices. If, however, there should be any who are not prepared to make any suggestion as to retail prices then we, as publishers, could not be said to be, in the words of the Act, "acting on behalf of a manufacturer" if we were to include any figure in the retail price column, and, on legal advice, should have to leave the space blank.

Overseas Trade in Pharmaceuticals

THE value of United Kingdom exports of pharmaceutical and medicinal products during June was lower than in any previous month of the year except February. The trend, however, was in line with the country's

EXPORTS	£'000		£'000		£'000
Vitamins, bulk	151	Organotherapeutic glands, etc.		Sulphonamides, bulk	70
" products	79	" bulk	21	" tablets	64
Antibiotics		" products	14	" other products	33
Penicillin, bulk	182	Sera and vaccines	150	Proprietary medicines	2317
" injections	152	Aspirin, bulk	29	Unclassified medicines	978
" tablets, ointments, etc.	190	" products	27	IMPORTS	
other antibiotics, bulk	417	Antihistamines products	90	Vitamins	49
" products	400	Antipaludics products	62	Antibiotics	305
Alkaloids, bulk	151	Barbiturates, bulk	121	Alkaloids	85
" products	26	" products	35	Glycocides, glands, sera, vaccines	48
Hormones, bulk	152	Medicated confectionery	27	Proprietary and veterinary medicines	425
" products	415	Ointments, liniments*	90	All other	183
Glycosides	10	Surgical dressings	497	* not specified elsewhere	

total exports. June exports of pharmaceutical goods, valued at £6.23 million, brought the total for the first six months of the year to £38.51 million against £32.24 million in the corresponding period of 1966. With the addition of medicated and unmedicated surgical dressings the total — as classified under division 54 of the Overseas Trade Accounts (H.M. Stationery Office, price 30s.) — was, for June, £6.73 million and, for the six months, £41.78 million and £35.43 million. A summary of the items making up June's total, together with a few pharmaceutical chemicals classified under another division, is given in the table above.

The Irish Republic was again the largest single market, with purchases valued at £466,000, or £55,000

more than in May. Sales to only two other countries exceeded £300,000, namely Australia, £379,000 and France, £343,000. In May, a record month for exports, eight markets each accounted for over £300,000. Exports to the European Economic Community totalled £981,000 and to the European Free Trade Area, including Finland, £825,000.

Imports of pharmaceuticals showed, at just over £1 million also a slight decline in June, though the aggregate for the six months was slightly up on the 1966 period. Western Germany (£172,000) and United States (£167,000) were the chief suppliers in June. Thus the United Kingdom is shown as a net importer in both instances.

Pharmaceutical Society of Northern Ireland

MONTHLY MEETING OF COUNCIL

THE secretary of the Pharmaceutical Society of Northern Ireland was directed by the Society's Council, at its monthly meeting held in Belfast on July 20, to write to the authorities of Queen's University, Belfast, pointing out that the Society was not happy with the proposals for pharmaceutical education covering the next six to ten years.

When reports of recent meetings of the Education Committee were discussed members wanted the pharmacy department at present at the Belfast College of Technology to come within the direct control of the University, rather than, as currently proposed, being transferred to a new regional college. (It is proposed that the department should remain at the College of Technology until the new regional college is constructed.)

Fears About New College

Replying to a query by THE VICE-PRESIDENT (Mr. B. Flatley), MR. J. KERR (chairman of the Education Committee) said the new regional college would be under a board of management. He was not sure who would be represented on it. So far as could be ascertained, the new college was to be fairly large, but it would be mainly for National Certificate and non-degree work. The Council had been told that there was to be a large biological section, but he found that difficult to understand.

Fears were expressed by some members that, as a great deal of money was likely to be invested in the new college, the department might be left at Jordanstown; they suggested that some agreement should be reached with Queen's that the department would come under the University.

MR. J. KERR declared that, if the Council were convinced that pharmacy training should be a degree course within the University, they must make that quite clear. As they had no special authority for providing education, it was their responsibility to approve a course that would provide pharmacists of the right calibre.

THE SECRETARY said that the University would take over pharmacy tuition tomorrow if given a block grant to put

up the buildings. He saw no reason why the University authorities should not be told that the present proposals did not appeal to the Society, and asked if they could say when their finances would allow pharmaceutical laboratories to be provided and the department taken over by the University.

It was agreed to write to the University authorities on the lines mentioned in the opening paragraph.

The Council was told that Mr. Walter Scott, Member of Parliament for Bloomfield, had withdrawn an allegation he had made in the House of Commons in May (*C. & D.*, July 8, p. 36) that pharmacy was a "closed shop." The report of a meeting between Mr. Scott, the president (Mr. A. T. Hardy), Mr. H. W. Gamble and the secretary on June 30 was approved. It stated:

"The secretary outlined the procedure adopted by the Council in regard to the nomination of examiners for the approval of the Minister of Home Affairs, the printing of examination papers and the conduct of the examinations. He explained that the board of examiners submitted a report to the Council giving the names of the successful candidates. This report was received by the Council some time after the results had been announced in the Press. Mr. Scott said that complaints had been made to him by students who had sat for the Qualifying examination for pharmacy, and he felt justified in drawing the attention of the Minister of Home Affairs to those allegations, pointing out, at the same time, that he had no actual proof of their truth. Now that he has been fully acquainted with the manner in which the examinations were conducted, he is satisfied that there is no substance in the complaints made to him, and that the only bar to qualification is the failure to attain the high academic standard required."

MR. KERR thought that a man who represented a section of the community in Parliament should first have found out if there were any foundation for his allegation. MR. B. FLATLEY was inclined to accept Mr. Scott's apology.

THE SECRETARY deplored that, at a time when the Society might have to negotiate a new agreement with the Pharmaceutical Society of Great Britain, one of the people who should be helping the Society—a member of parliament—was doing his best to make life awkward and difficult. The

Council accepted Mr. Scott's withdrawal of the allegation.

Presenting a fountain pen to Dr. J. A. M. Shaw (head of pharmacy department, Belfast College of Technology), who is leaving Ulster to take up a post in a Canadian University, THE PRESIDENT said Dr. Shaw had given of his best to the job and to the students and had co-operated with the Society in every way possible. (Dr. Shaw has been the first head of the department, which was established about four years ago.)

Thanking the president and members, DR. SHAW said that one of his reasons for going to Canada was uncertainty about the future of the Belfast pharmacy department. Two years ago the future in Northern Ireland seemed bright. That had been due to a large extent to the efforts of the Society in pushing the various people concerned to get better accommodation for pharmacy. However, over the past two years some uncertainty had developed. It might be cleared up in the future. He hoped the Society would

safeguard the future of pharmacy in Northern Ireland.

Close co-operation between the Society and the department of pharmacy could lead to great advances in pharmaceutical education.

A letter was received from the Society of Pharmaceutical Students thanking the Council for the grant of £25 towards the cost of students' representatives' attending the International Students Federation's conference.

No action was taken on an invitation to attend the first world meeting on medical law in Ghent, Belgium, in August.

Present at the meeting were the president, (Mr. A. T. Hardy) in the chair, Messrs. B. Flatley, W. H. Boyd; W. T. Hunter; H. W. Gamble; J. Paul; R. M. Watson; H. G. Campbell; R. J. Davidson; N. A. J. Anderson; J. Gordon; J. Kerr and J. D. Pollock.

Apologies for absence were received from Dr. R. G. R. Bacon, Professor O. L. Wade and Messrs. M. T. McGread; D. Moore; A. Templeton; W. C. Tate and G. E. McIlhagger.

Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

No Longer of Interest?

SIR,—It seems to me that it is time your "Prescription Poser" feature was brought to a close. It is no longer a matter of interest to see how badly a doctor can write. We have all had examples of it. It is only bad manners to write in this fashion, shows a blatant lack of consideration for the pharmacist, and should be deplored not encouraged. Chemists cannot afford time to solve mysteries under existing N.H.S. arrangements.

S. F. BROWN,
Tonbridge

[The fact that prescriptions continue to be sent in by readers is proof that the matter is still of wide interest. Far from being an encouragement to bad writing they have been used to good effect in some places to bring home to prescribers the troubles that indecipherable prescriptions can cause. "Mysteries" will in practice continue to call for solution whether we reproduce them or not.—EDITOR]

Last Hope of Prosperity

SIR,—As a qualified chemist I resigned from the Health Service because I was losing money. As a qualified optician my fees have been cut to about half I was promised when I was induced to enter the scheme. As a small photographic dealer I have had my profits cut, first by the Monopolies Commission, then by Messrs Kodak, and then by my best friends round the corner. As a small shopkeeper I shall soon be sent to prison, either because the wrong amount of goods is stated on the container, or because I am found charging a fair price for a fair article ("overcharging") or because some one in my shop (perhaps me) will make an exaggerated claim for an inferior article ("advertising"). I have been forced by the local authorities to have a wash basin next to the sink in the dispensary and two hand rails fitted to the stairs of the stock room. As the girls only go to these rooms to fetch a tray full of stock I am now advertising for three-handed girls. I have had £200 worth of fire extinguishers to please the fire authorities and have had easy exits made for my staff that unfortunately will also provide

easy access for burglars. I am too old to join a pop group and I shall soon be forbidden to sell antihistamines, quinine and boric powder. So may I be the first to apply for a licence to sell marihuana?

STILL VERY RESIGNED

P.S.—I note with great pain that my professional brethren have been receiving too much money under false pretences and now their perfidy has been discovered and they are being forced to pay it back. I never thought they would sink so low.

Can They Resign?

SIR,—In his "Open Shop" commentary, (*C. & D.*, July 29, p. 101) referring to Mr. Glassman's "Sack the Central N.H.S. Committee," E. C. Tenner states that "it is quite impossible to sack them, at least until next year's N.P.U. elections." I beg to differ. If a nation-wide ballot results in the majority of chemist contractors passing a vote of "No confidence" in the Committee, then it is incumbent on the Committee members as the "representatives" of the nation's chemists contractors to resign promptly from the Committee. If the "representative" status as executives of the N.P.U. prevents them from resigning, then a new representative body must be formed outside the N.P.U., and its members elected by national ballot, so as to be more truly "representative" of the chemist contractors on whose behalf it stands.

STANLEY BLUM,
London, W.11

Group Pharmacies

SIR,—A better solution to the problem posed by E. C. Tenner in "Open Shop" (*C. & D.*, July 29, p. 101) would be to keep open only those pharmacies sensibly sited for domiciliary and general practice of pharmacy purposes (which may be all four of them), perhaps taking on one (or two) additional pharmacists to provide leisure time and to staff a new pharmacy adjoining the group medical practice, that pharmacy, at least, being run on a group basis. Grouping is best as a local matter, but the economics of compensation for

any closure could be at least partly national. To me it would seem, however, that counter sales as well as N.H.S. should carry a fair share of all economic implications. That is why I deplore any "bait" tactics in pharmaceutical affairs. In the instance quoted, N.H.S. changes rather than "bait" tactics seem to be the main cause of any closure that might arise. Some districts have a surfeit of pharmacies others a shortage. National guidance would seem needed. The N.H.S. contract needs revision in any case, but to me the need would seem even greater when the group medical practice is centrally and strategically situated close to a shopping centre. It would be there that the pharmaceutical services could have more flexible hours in most instances. I would deplore any pharmacy open without a pharmacist present.

F. W. STEARNE, M.P.S.,
Manchester, 10

P.S. Price maintenance abolition (and whether it is to be replaced with something better) as well as the proposed new legislation also come into this in addition to N.H.S. conditions and "terms of service." To me "bait" means below sensible economic price, not just below ingredient cost, where pharmacy is concerned. I feel it is neither in our own nor the public interest that we should diversify too far. When he says "rather urgent problem," Mr. Tenner is putting it mildly! This, too, has been coming on for a decade without any announced public policy other than drift into further price-maintenance abolition, more supermarkets, etc., and with no announcement of what the position of pharmacy is to be. Pharmacists should write to Mr. Wright, as secretary of both N.P.U. and Central N.H.S. Contractors' Committee, to find out whether they might usefully delay their decisions a further month or two, whether planning is imminent or not, etc.

Appreciated

As a locum and during my thirty years as a proprietor I have always found *THE CHEMIST AND DRUGGIST* invaluable.—E.A.O.

EXAMINATION RESULTS

Successful Part III candidates

THE following candidates in the recent Pharmaceutical Chemist Qualifying examination (Part III) have satisfied the examiners in the subjects indicated (a=pharmaceutics II; b=pharmaceutics III; c=pharmacology; d=pharmaceutical chemistry III).

BRADFORD

BOWKER, N. F., Manchester (a,c)
BRAY, G. E., Ludlow (b,c,d)
CHAN, U. Liem, Bradford (a,b)
CHEE, Say H., Shepherds Bush (a)
DONNAI, J., Solihull (c)
FOSTER, J. H., Halifax (a,c)
HOLT, C. J., Huddersfield (c,d)
ISMAIL, Shefkit H., West Bridgeford (b)
LAWTON, Helen M., Bradford (a,b,c)
McDOUGALL, J. C., Formby (a,b,c,d)
OMOTOSHO, T. A., Bradford (a,b,c,d)
PENNEY, A. R., Barnoldswick (a,b,c,d)
PICKERSGILL, G. F., Leeds (a)
ROBINSON, J. G., Bradford (a)
SCULLAR, W. D., Liverpool (c)
SHAW, Christine M., Netherton (b,c)
SMITH, J. P., Louth (b,c,d)

CARDIFF

ALLEN, A. A., Plymouth (a)
BAILEY, Eileen M., Fairwater (a,b,c,d)
BALDWIN, C. A., Cardiff (a,b,c,d)
BARKER, J. P., Bristol (a,b,d)
BEBB, A. S., Rhondda (a,b,c,d)
BLACK, B. E., Forest Gate (b,c)
DOUGLAS, G. H., Wolverhampton (b,c,d)
EDWARDS, C. S., Dover (a,b,c,d)
GRIFFITHS, Freda, Wigan (a,b,c,d)
HARE, Susan A., Birmingham (a,b,c,d)
JOHN, E. G., Cardiff (c)
JOHNS, G. V., Swansea (b,d)
JONES, A. G., Cwmbran (a,b,c,d)
KERR, A. W., Bristol (a,b)
MACALPINE, D. J., Cinderford (a,b,c,d)
MARCH, G. A., Birmingham (a,b,c,d)
MWANI, E. N., Plymouth (a)
MORTEO, C. R., Cardiff, (a,b,c,d)
OKAFOR, E. C., Walthamstow (c,d)
PATEL, Hasmukrai A., Bourne-mouth (a,b,c,d)
PLANT, Sheila A., Birmingham (a,b,c,d)
PRICE, E. J., Ebbw Vale (a,b,d)
REED, Penelope A., Swansea (a,b,c,d)
RICHARDS, Gillian A., Carisbrooke (a,b,c,d)
RICHARDS, G. T., Newport (a,b,c,d)
ROSSER, Sylvia J., Neath (b,c,d)
SCREEN, A. H., Newport (a,b,c,d)
SHAH, Jayantilal K. K., Cardiff (b,c,d)
SHEPPARD, A., Aberbeeg (a,b)
STEEN, K., Rhosyllen (a,b,c,d)
THOMAS, I. G., Neath (a,c)
VIVIAN, M. S., Kidwelly (a,b,c,d)
WALTERS, T. H., Swansea (b,c,d)
WILLIAMS, A., Swansea (a,b,c,d)

LEICESTER

BAJOMO, G. A., Leicester (a,b)
CASTLE, C. A., Birmingham (a,b,c,d)

CAWDELL, G. A., Kettering (a,b,d)
CHARLES, R. G., Leicester (d)
CHESTER, Janet, Saltburn (a,b)
CLIFFORD, Elaine H., Finchley (a,b,c,d)
COPPING, Janet L., Nottingham (a,b,c,d)
CRONSHAW, Ann, Blackburn (a,b,c,d)
DAVIES, M. V., Leicester (a,b,c,d)
DILLON, M. F., Leicester (a)
FALEIRO, S. R., Leicester (a,b,d)
GILBERT, Jill, Shrewsbury (a)
GRAHAM, G. M., Haverhill (d)
GREEN, Jane G., Birmingham (a,b)
GROOM, Janice W., Doncaster (a,b,c)
HAIDER, Syed K., Whitechapel (a,b,c,d)
HALL, R. S., Leicester (a)
HARVEY, D. J., Chesterfield (a,c)
HICKLING, R. E., Nottingham (a,b,c,d)
HOLT, Maxine, Derby (a,b,c,d)
HORROCKS, M. R., Hinckley (a,b,c,d)
HUMPHRIS, T., Navenby (a,b,c,d)
INGHAM, Jane E. S., Macclesfield (a,b,c,d)
JEPSON, T. J., Gorton (a, b, c, d)
JONES, D. M., Stoke-on-Trent (a,b,c,d)
LEGGETT, Karen A., Chester-le-Street (a,b)
LESTER, J. G., Glossop (a,b,c,d)
LITTLEWOOD, Christine A., Holmfirth (a,b,c,d)
MAGGS, G. F. L., Coventry (a,b,c,d)
MANJI, Nizarali S., Leicester (a,b,c,d)
MARRIOTT, C., Cambridge (a,b,c,d)
MILLS, P. J., Cannock (a,b,c,d)
MORRIS, A. R., Bungay (a,b,c,d)
MOSSOP, J., Great Harwood (a,b,c,d)
NG Moong-Szu, South Kensington (a,b,c,d)
PARTTRIDGE, M. J., Fleckney (a,b,c,d)
POWDRILL, R. G., Leicester (a,b,c,d)
QUANTRILL, B., Peterborough (a,b,c,d)
REED, C. L., Leicester (a,c)
REES, Anthea V., Manchester (a,b,c,d)
RICHARDSON, R., Barnsley (a,b,c,d)
RILEY, A. H., Tunstall (a,b,c,d)
SHAH, Anil K. M., Leicester (a,b,c,d)
SHAH, Mahendra K. M. D., Leicester (a,b,c,d)
SHAH, Manherlal K., West Norwood (a,b,d)
SHAH, Nalin R., Sunderland (a)
SHAH, Popatlal S., Leicester (a,b,c,d)
SHEPHERD, G. C., Wellington (a,b,c,d)
SMITH, M. S., Sheffield (a,b,c)
SMYTH, J. K., Stony Stratford (c,d)
STANIER, Ellen, Wolstanton (a,b,c,d)
STOVIN, Marian K., Gedling (a,b,c,d)

SWIFT, Shirley J., Sheffield (a,b,c,d)
THOW, Angela M., Aberdeen (c,d)
TURNER, B. F., Wolverhampton (a,b,c,d)
TWEMLow, G., Welford (a,b,d)
WELHAM-JONES, M. B., Oxford (a,b,c,d)
WHEATER, Elizabeth A., Luton (a,b,c,d)
WHITTAKER, H. C., Leicester (a,b,c,d)
WINGATE, Carol M., Edgware (a,b,c,d)

LIVERPOOL

ABRAHAMS, S. J., Whitefield (b)
ASHLEY, Geraldine D., Liverpool (a,b,c,d)
AYRES, A. W., Southport (a,b,c,d)
BELDON, D. M., Liverpool (a,b,c)
BURROW, Anita F., Liverpool (a,b,c,d)
CLITHEROW, J. R., Liverpool (a,b,c,d)
COHEN, Susan S., Liverpool (c,d)
DAVIES, G. B., Great Budworth (a,b,c,d)
DAVIES, Kathleen J., Heswall (a,b,c,d)
DUFFY, H. S. G., Maghull (a, b, d)
FAIRLIE, P., Blackpool (a,b,c,d)
GRIFFITHS, I. S., Leasowe (b,d)
HALLIDAY, Lesley J., Upton (a,b,c,d)
HARRISON, Patricia S. B., Newport (a,b,c,d)
JOHNSTON, Hilary E., Birkenhead (a,b,c,d)
JOSEPH, G. H., Liverpool (a,b,c,d)
HOCKING, S. I., Prestwich (a,b,c,d)
KNELLER, D. L., Wallasey (c)
LAPPIN, P. H., Liverpool (a,b,c,d)
McLEAN, Marilyn, Galdy (a,b,c,d)
OVENALL, Sylvia, Liverpool (a,b,c,d)
PLATT, H., East Didsbury (a,b,c,d)
RAY, Janet, St. Helens (a,b,c,d)
REES, T. W., Ruthin (a,b,c,d)
ROOTS, Jennifer A., Pensby (a,b,d)
SCRAGG, P., Widnes (a,b,c,d)
SLINN, J. A., Southport (a,b,d)
SPENCER, Susan, Liverpool (a,b,c,d)
STEINBERG, Rosemary, Liverpool (a,b,c,d)
THOMAS, S., Liverpool (b,c)
WOODCOCK, A. H., Southport (a,b,c,d)

PORTSMOUTH

BENTON, Valerie P., Southsea (a,b,c,d)
BILLS, D. M., Stourbridge (a,b,c,d)
BOWEN, R. M., Woodford Wells (a,b,c,d)
BREBNER, R. N., Gosport (a)
BRICK, S. I., Finsbury Park (d)
BROOKS, D. M. S., Eastbourne (a,b,d)
BROWN, Shirley A., Waterlooville (a)
DANIELS, Valerie M., Dereham (a,b,c,d)
Edmond, B. D., Wembley Park (a,b,c,d)
FRY, Margaret, Newport (a,b,c,d)
GREENWOOD, S. R., Leeds (a,b,c,d)

GRIFFEY, W. S., Berkeley (a,b,c,d)
HILLMAN, Mary D., Edgbaston (a,b,c,d)
HOW, M. J., Southsea (a,b,c,d)
JOHN, Olufemi O., Southampton (a,b,c,d)
JONES, Glenys D., Southsea
LAFFORD, Mary P., Wallington (a,b,c,d)
MARSHALL, J., Portsmouth (a,b,c,d)
MAUNDER, Patricia A., Southampton (a,b,c,d)
MORRIS, P. D., Wolverhampton (a,b,c,d)
PATEL, Ghanshyambhai J., Paignton (b,c,d)
PHILLIPS, I., Southsea (a,b,c,d)
PORTELLY, Sheila A., Brighton (a,b,c,d)
SHARPE, Francis D., Poole (b)
SHOUSA, J. F., South Kensington (b,c)
SILVEY, Maureen A., Iver (a,b,c,d)
SIMPSON, Kay, Portsmouth (a,b,c,d)
STONEHAM, Elisabeth C., Moreton-in-Marsh (a,b,c,d)
WATKINSON, Elisabeth, Steyning (a,b,c,d)
WATSON, D. W., Colchester (a,b,c,d)
WHITE, M. R. B., Bristol (a,b)
WIGGIN, P. N., Ipswich (a,b,c,d)
WILD, R., Wimborne (a,b,c,d)
WOODHOUSE, R. J., Blackheath (a,b,c,d)

SUNDERLAND

ADAMSON, J., Murton Seaham (a,b,c,d)
ADDLEMAN, D. S., Leeds (c,d)
AROLE, N. O. A., Sunderland (a,c,d)
ASSAD, A. M., Sunderland (d)
BAKER, L. S. R., Hull (a)
BORNO, I. H., Sunderland (b,d)
BRADLEY, R. K., Consett (a,b,c,d)
BRIERLEY, B., Sunderland (a,b,c,d)
BROOK, Marilyn, West Hartlepool (c)
BROWN, Gillian, Eltham (a,b,c,d)
BROWN, W. M., Nuneaton (a,b,c,d)
BURNHOPE, G. A., Peterlee (a)
CAPSTICK, Ailsa T., Wallsend (a,b,c,d)
CARRICK, Eva S., Whitley Bay (d)
CLOUGH, H. D., Wigan (a,b,c,d)
COPLAND, N. A. McN., Sunderland (a,b,c,d)
DARLEY, Lynn M., Gosforth (b,c,d)
DAVISON, A. M., Newcastle (a,b)
DICKINSON, A., Barton-on-Humber (b)
DILWORTH, A. P., Sunderland (a,b,c,d)
DOBBS, D. E., Hull (b,c,d)
DODDS, Judith, Heaton (a,b,c,d)
ESMAIL, H. M., Sunderland (c,d)
FERROL, Sheila, Newcastle upon Tyne (a,b,c,d)
FINNEY, I. D., Middleswich (a,b)
FLETCHER, J. G., Washington (a)
FLETCHER, Olumuyiwa D., Sunderland (a,b,c,d)
FORREST, R. S., Sunderland (a)
GEE, R. M., Sunderland (a,b,c,d)
GRUBB, E. S., Farrington (a,b,c,d)
GWILLIAM, D., Rochdale (a,b,c,d)
HANSON, Yvonne, Ryton (a,b,c,d)
HAYNES, M. J. W., Sunderland (a,b)
HICKS, P. G., Rustington (d)
HILL, K. R., Sunderland (a,b,c,d)
HUSSAIN, A. A., Sunderland (b)

HUSSAIN, M. M. A., Sunderland (d)
 IQBAL, M., Glasgow (d)
 JACQUES, Beryl J., Boldon Colliery (a,b,c,d)
 JONES, Christine C., Sunderland (a,b,c,d)
 LEVIN, V., Leeds (a,b,c,d)
 LEVY, M. M., Sunderland (a,c,d)
 LIDDLE, J. F., Durham (d)
 LIVOCK, J. H., Sunderland (a,b,c,d)
 LOBLEY, C. S., Sunderland (a,b,d)
 LODGE, Judith M., Whitley Bay (a,b,c,d)
 LONGSTAFF, Judith J., Barnard Castle (a,b,c,d)
 LOWE, P. B., Whitley Bay (a)
 MURPHY, P. F., Liverpool (a,b,c,d)
 NEWTON, P. J. I., Rothwell (a,c,d)
 OCERO, H. M. N., Knightsbridge (a,b,d)
 ODUMODU, J. O., Sunderland (d)
 OLADEINDE, Patience O., Marylebone (d)
 OTTERSON, J., Sunderland (a,b,c,d)
 PARASKEVAS, J. A., Sunderland (a,d)
 PATEL, H. I., Newcastle upon Tyne (a)
 PATEL, Mahesh B. C., Sunderland (c)
 PATEL, Nirmala, Sunderland (d)
 PATEL, Rajnikant D., Sunderland (a)
 PATEL, Ramanlal B., Sunderland (d)
 PEACE, J. M., Ashington (a,b,c,d)
 RAWLINGS, R. M., Sunderland (a,b,c,d)
 RAWSTRON, E. W. F., Rossendale (a,b,c,d)

RAYNER, D. M., Blackburn (a,b,c,d)
 ROBERTSON, J. W., South Shields (a,b,c,d)
 RUPARELL, Chandulal H., Sunderland (b,d)
 SENDALL, P., West Boldon (a,c,d)
 SCOTT, I. M., South Shields (a,b,c,d)
 SHAH, Babulal N. V., Golders Green (a,d)
 SHARIFF, M. S., Sunderland (d)
 SHUKLA, Jagjit S., Hull (a)
 SIUWDLA, Olaoeye A., Sunderland (a,c,d)
 TAYLOR, G. G., Stanley (a,b,c,d)
 TAYLOR, G. H. C., Colwyn Bay (a,b,d)
 TEBAY, D. A., Ambleside (a,b,c,d)
 THAMBAIAH, S. V., Stamford Hill (b)
 WATTS, D., Bury (a,b,c,d)
 WHITE, J., Bristol (b)
 YOUNG, D., Ashington (a,b,c,d)

EDINBURGH

AITKENHEAD, Julia A. M., Wick (a,b,c)
 ALLEN, J. C., Glasgow (a,b,c,d)
 ARMSTRONG, Elisabeth N., Edinburgh (a,b,c,d)
 BAVALIA, Jagdishchandra M., Edinburgh (b,c,d)
 BLOUNT, N. G., Dumfries (d)
 CAMPBELL, Dorothy H., Edinburgh (a,b)
 CHRISTIE, Sally G., Edinburgh (a,b,c,d)
 CONNET, Pamela A., Edinburgh (a,b,c,d)
 CRAWFORD, Isobel A. P., Shotts (a,b,c,d)
 CUMMING, Margaret M., Edinburgh (a,c,d)

FAIRGRAVE, P. S., East Lothian (a,b,c,d)
 FERGUSON, Evelyn M., Edinburgh (a,b,c,d)
 FRATER, Moira H., Galashiels (a,b,c,d)
 GOUDIE, W. W., New Cumnock (a,b,c,d)
 GREEN, Anne F., Edinburgh (a,b,c,d)
 HENDERSON, T. A., Dunoon (d)
 HILTON, P. F., Newton-le-Willows (c,d)
 HOWIE, Eleanor I., Edinburgh (a,b,c,d)
 HUME, A. G., Dunfermline (a,b,c,d)
 LAIRD, Hazel I., Alyth (a,b,c,d)
 MCGHIE, Helen C., Edinburgh (a,b,c)
 MCGREGOR, R. A., Menstrie (b,c,d)
 MACKENZIE, Isobel M., Forres (a,b,c,d)
 MACKENZIE, Sheila M., Edinburgh (a,b,c,d)
 MACKINNON, E. C., by West Calder (a,b,c,d)
 MENTPLAY, A. W., Kirkcaldy (a,b,c,d)
 MENZIES, Caroline A., Edinburgh (a,b,c,d)
 MILLIGAN, J. G., Sanquhar (a,b,c,d)
 OMINIABOHS, F. E., Edinburgh (d)
 ORR, Elizabeth H., Currie (a,b)
 PEDEN, Mary A. K., Whitburn (a,b,c,d)
 RITCHIE, Margaret E., Edinburgh (a,d)
 ROSS, A. M. M., Edinburgh (a)
 SMITH, Patricia J. E., Edinburgh (a,b,c,d)

STEVENSON, R. S., Penicuik (b,c,d)
 STEWART, Myra E., Penicuik (a,b,c,d)
 TAYLOR, D. W., Rosyth (a,b,d)
 THORBURN, Kathryn A., Melrose (a,b,c,d)
 TULLOCH, Moira S., Fairmilehead (a,b,c,d)
 WATKINSON, Veronica H., Leeds (a,b,c,d)
 WILLIAMSON, Sheila E., Edinburgh (a,b,c,d)
 YEAMAN, Willa L., Edinburgh (a,b)
 YOUNG, Joyce H., Brechin (a,b,c,d)

ABERDEEN

ANDERSON, J. D., Aberdeen (b,c,d)
 AYTON, Louise E., Brechin (a,b,c)
 BAKHAI, Indrakumar A., Hove (a,b,c,d)
 BROWN, I. S., Perth (d)
 CHAPMAN, Suzanne G., Helensburgh (a,b,c,d)
 DAVIDSON, J., Aberdeen (d)
 GORDON, R., Aberdeen (d)
 HOURSTON, Elizabeth L., Orkney (a,b,c,d)
 JAPPY, B. M., Torry (a,b,c,d)
 LAWRENCE, Norma M., Aberdeen (a,b,c,d)
 LUMSDEN, I., Crewe (a,b,c,d)
 MOORE, W. D., Shetland (a,b,c,d)
 SINCLAIR, D. W., Cupar (a,b,d)
 STEWART, Maureen E. W., Aberdeen (a,b,c,d)
 WATSON, A., Drumoak (a,b,c,d)
 WATSON, Helen M., Tain (a,b,c,d)
 WALKER, Alison S. W., Aberdeen (a,b,c,d)

ALKALI INSPECTOR'S REPORT FOR 1966

Economic conditions affect progress against air pollution

"AIR pollution control does not head the list of industrial priorities and at times of financial stringency, such as the country is at present experiencing, the response to our requirements is not always as enthusiastic as we would wish," says the chief inspector of alkali, etc., works in England and Wales in his report for 1966 (H.M. Stationery Office, price 7s. 6d.). The inspector adds that almost all sections of industry have been affected by the "squeeze" but some weaker elements have been so badly hit as to have been forced to close down. "It is within this restrictive framework that we have had to pursue our task of getting industry to spend money on mainly unremunerative items of air pollution control." He warns, however, that there can be no question of accepting a lower standard of waste gas treatment because of present financial troubles.

A Simple Control Test

The report describes a simple control test for the determination of concentrations of fine particles in waste gas streams where isokinetic sampling is not essential. A calibrated Fletcher's aspirator is used to draw a sample of waste gas through a glass tube packed with a suitable type of cotton or glass wool. The tube is weighed before and after sampling and if necessary the contents can be either washed out or titrated or dried to constant weight. The method is capable of being

adapted for the testing of a wide variety of mist and fume emissions.

Production of Hydrochloric Acid

Production in England and Wales of hydrochloric acid came from six works operating the alkali process, from seven where synthetic acid is made from hydrogen and chlorine, and from thirty-one where it is recovered as a by-product. Three lead chamber, sulphuric acid works closed down in 1966 leaving fourteen works registered at the end of the year. Forty-one works are registered for the contact process. Nine works are registered to produce nitric acid and seven works to recover the acid as a by-product. Large new plants were commissioned during the year and others were being built or planned. In reporting on chlorine and bromine works the inspector says that following serious escapes of phosgene and chlorine in 1965 improved phosgene safeguards were introduced and there have been no more incidents. There was, however, a heavy emission of chlorine when a valve failed and some damage to vegetation was caused in nearby gardens. The inspector reports that major troubles and breakdowns at the Portishead works of Albright & Wilson (Mfg.), Ltd., where the company plans to concentrate phosphorus production, have prevented smooth operation of the plant and "an uphill struggle looms ahead."

The chief inspector for Scotland stresses the need for reliability in per-

formance of dust arrestment plant—"increases in maximum arrestment efficiency accompanied by loss in general reliability are just not worthwhile," he says. "While electrostatic precipitation rightly stands high as a means of controlling dust emission, our measurements of actual performance show that regular attainment of rated performance must not be presumed. Electrostatic precipitators can stray from their rated performance without any obvious indication on the instruments guiding the operators in control of them. In absence of actual emission measurements, the first definite indication of anything amiss may be complaint from the public." Measurements on other high efficiency arrestors, such as bag filters and Venturi scrubbers, have generally confirmed their performance in practice but the number of measurements has been small. A larger number of measurements on cyclone-type dust arrestors show them to possess good reliability in performance. Failure to empty hoppers is the most common operational failure.

N.H.S. STATISTICS

In SOUTH-WEST LONDON and SURREY forty dispensing doctors were included in the Council's Medical List on January 1. Amount paid to dispensing doctors during the year ended March 31 was £68,580. At March 31 the Pharmaceutical List comprised 519 pharmacies, four drug stores and ninety-three surgical appliance suppliers.

GUIDE TO NEW MEDICAMENTS

Information about proprietary products supplied principally on prescription. Reprints on perforated gummed paper for affixing to index cards are obtainable from the Editor. Notes on the products are given on p. 434.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, August 5, 1967

ARLEF 100 Kapseals

MANUFACTURER: Parke, Davis & Co., Staines Road, Hounslow, Middlesex.

DESCRIPTION: Flesh coloured opaque capsule (size No. 3) with an orange band. Each contains 100 mgm. of flufenamic acid.

INDICATIONS: Anti-inflammatory analgesic for the relief of pain in rheumatic conditions.

CONTRAINDICATIONS: Contraindicated in patients with ulcerative lesions of the gastro-intestinal tract; during pregnancy and lactation.

DOSAGE: Four to six Kapseals (400 to 600 mgm.) daily given orally in divided doses, preferably with food. Satisfactory therapeutic results may be obtained in certain patients with maintenance doses as low as three Kapseals (300 mgm.) per day. For individuals weighing less than 45 kilos or 100 lbs., dosage should be calculated on the basis of 10 mgm. per kilo body-weight daily. Should not be given to children 14 years of age or under until a paediatric dosage has been established.

NOTES: If gastro-intestinal upsets occur, including diarrhoea, the dose may be reduced by one-half; if signs and symptoms do not subside, the drug may need to be discontinued.

PACKS: Containers of fifty and 250.

SUPPLY RESTRICTIONS: Recommended on prescription only.

FIRST ISSUED: June 1967.

PLACING ON C. & D. TABLET AND CAPSULE IDENTIFICATION GUIDE: Two-colour, hard, D8, D8, 20/32, E1, —.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, August 5, 1967

CELONTIN Kapseals

MANUFACTURER: Parke, Davis & Co., Staines Road, Hounslow, Middlesex.

DESCRIPTION: Yellow tinted Kapseal capsules with orange band each containing 300 mgm. of methsuximide.

INDICATIONS: Control of temporal lobe epilepsy and petit mal seizures.

DOSAGE: Optimum dosage must be determined by trial. A suggested dosage schedule is 300 mgm. per day for the first week. If required, daily dosage may be increased thereafter at weekly intervals by 300 mgm. to a daily dosage of 1,200 mgm.

SIDE EFFECTS: Drowsiness, ataxia, dizziness, rash and gastric intolerance have been reported. These were usually transitory and disappeared spontaneously or after reduction of dosage.

SHELF LIFE: At least four years if stored in a cool, dry place.

PACK: Bottle of 100.

SUPPLY RESTRICTIONS: P.I., recommended on prescription only.

FIRST ISSUED: July 1967.

PLACING ON C. & D. TABLET AND CAPSULE IDENTIFICATION GUIDE: Two-colour, hard, C3, C3, 23/32, F1, —.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, August 5, 1967

DUOGASTRONE capsules

MANUFACTURER: Berk Pharmaceuticals, Ltd., Catteshall Lane, Godalming, Surrey.

DESCRIPTION: Clear capsules each containing 50 mgm. of carbenoxolone sodium.

INDICATIONS: Duodenal ulcer.

DOSAGE: One capsule should be swallowed whole with fluid four times daily, fifteen to thirty minutes before meals. Treatment should normally be continued for six weeks, or until the ulcer has healed.

PRECAUTIONS: Care should be exercised in the treatment of patients with renal and/or cardiac insufficiency and in elderly patients.

NOTES: The capsule is designed to release the active substance at the site of the ulcer.

PACK: Container of twenty-eight capsules.

SUPPLY RESTRICTIONS: Recommended on prescription only.

FIRST ISSUED: July 1967.

PLACING ON C. & D. TABLET AND CAPSULE IDENTIFICATION GUIDE: Clear, 36/32, H, Ob, —, —, —.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, August 5, 1967

FERFOLIC SV tablets

MANUFACTURER: Agprolin, Ltd., 200 High Street, Prestatyn, Flintshire.

DESCRIPTION: Mauve, sugar-coated tablets, each containing 5 mgm. of folic acid, 250 mgm. of ferrous gluconate and 10 mgm. of ascorbic acid.

INDICATIONS: Anaemias associated with folic acid deficiency.

DOSAGE: One tablet three times a day.

STORAGE: Should be stored in a cool, dry place.

PACKS: Containers of 100 and 1,000.

SUPPLY RESTRICTIONS: Recommended on prescription only.

FIRST ISSUED: June 1967.

PLACING ON C. & D. TABLET AND CAPSULE IDENTIFICATION GUIDE: C7, 13/32, C, R, Cv/Cv, —, —.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, August 5, 1967

FERFOLIC M tablets

MANUFACTURERS: Agprolin, Ltd., 200 High Street, Prestatyn, Flintshire.

DESCRIPTION: Black, sugar-coated tablets, each containing 100 µgm. of folic acid, 250 mgm. of ferrous gluconate, and 10 mgm. of ascorbic acid.

INDICATIONS: Prevention of anaemias of pregnancy.

DOSAGE: One or two tablets three times a day.

STORAGE: Should be stored in a cool, dry place.

PACKS: Containers of 100 and 1,000.

SUPPLY RESTRICTIONS: Recommended on prescription only.

FIRST ISSUED: June 1967.

PLACING ON C & D. TABLET AND CAPSULE IDENTIFICATION GUIDE: G12, 13/32, C, R, Cv/Cv, —, —.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, August 5, 1967

C. & D. TABLET AND CAPSULE IDENTIFICATION GUIDE

New products

ARLEF 100 Kapseals: Two-colour, hard, D8, D8, 20/32, E1, —.

BRADILAN tablets: G11, 15/32, C, R, Cv/Cv, —, —.

BRINALDIX tablets: White, 10/32, P, R, F/F, —, 285/—.

CAFADOL tablets: C3, 16/32, P, R, F/F, B2, N/—.

CELONTIN Kapseals: Two-colour, hard, C3, C3, 23/32, F1, —.

DUOGASTRONE capsules: Clear, 36/32, H, Ob, —, —, —.

FERFOLIC M tablets: G12, 13/32, C, R, Cv/Cv, —, —.

FERFOLIC SV tablets: C7, 13/32, C, R, Cv/Cv, —, —.

FERROMYN-S with folic acid tablets: B7, 12/32, C, R, Cv/Cv, —, —.

MANDRAX capsules: Two-colour, hard, C6, D5, 22/32, —, 382.

Products changed in appearance

BUSCOPAN 10 mgm. tablets: White, 9/32, C, R, Cv/Cv, —, 371/—.

DUROMINE 15 mgm. capsules: Two-colour, hard, E13, B12, 20/32, —, 383.

DUROMINE 30 mgm. capsules: Two-colour, hard, A1, B12, 20/32, —, 383.

DUOPHET 7½ mgm. capsules: White, 19/32, H, Ob, —, —, 383.

DUOPHET 12½ mgm. capsules: Two-colour, G12, White, 19/32, —, 383.

DUOPHET 20 mgm. capsules: G12, 19/32, Ob, —, —, 383.

DUOPHET-M 12½ mgm. capsules: Two-colour, hard, B9, B4, 24/32, —, 383.

DUOPHET-M 20 mgm. capsules: Two-colour, hard, B9, B1, 24/32, —, 383.

ENTACYL tablets: B.D.H. code EA.

ENTERO-VIOFORM tablets: C10, 13/32, P, R, F/F, B2, 384.

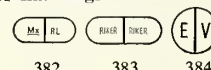
MEPILIN tablets: B.D.H. code MG.

MYANESIN tablets: B.D.H. code MT.

PERSANTIN 25 mgm. tablets: G1, 7/32, C, R, Cv/Cv, —, 371/—.

SOL-TERCIN tablets: B.D.H. code SJ.

Additions to table of markings



TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are augmented before wholesale dealers receive the goods into stock.

LONDON, AUGUST 2: Quiet and easy conditions continued in the CRUDE DRUGS market during the week. PERU BALSAM was down threepence per lb. in both positions. TURMERIC for shipment fell 2s. 6d. per cwt. while offers of Canadian SENEGA from origin fell by another 1s. 6d. per lb. PEPPERS continued their downward trend and the price range of RHUBARB was cut by 2s. per lb. Dearer were DANDELION ROOT by 10s. per cwt. and some grades of Tinnevely SENNA LEAVES and PODS. Peruvian silver-grey COCHINEAL was sixpence per lb. dearer. In-bond Brazilian MENTHOL was available on the spot at 28s. 6d. per lb. against 29s. previously. A report from Brazil puts the menthol crop at 1,100 tons together with 1,200 dementholised oil. Most of the crop was said to have been sold and that there would therefore be little to carry forward to the next season.

In ESSENTIAL OILS, Madagascar CLOVE LEAF was threepence per lb. up for in-bond material. Shipment rates adjusted upwards included Formosan CITRONELLA (by threepence per lb.) and LEMONGRASS (up sixpence per kilo). BOIS DE ROSE was sixpence per lb. easier.

One major manufacturer of CITRATES increased the price of the POTASSIUM and SODIUM salts to take account of the higher CITRIC ACID prices ruling since July 1. Sodium citrate is now listed at £252 per metric ton for 50-kilo lots to £238 for one metric ton, while the sodium salt is from £265 to £251. Other makers of citrates are expected to follow the price lead. Recent increases in costs of other raw materials, for example, GLYCERIN and PETROLEUM are likely to affect several other PHARMACEUTICAL CHEMICALS in the near future. A world wide shortage of top grade YEAST, suitable for processing into dried yeast and yeast extract is reported. One supplier has notified increases of approximately 7½ per cent. as from August 1.

Pharmaceutical Chemicals

ACETANILIDE.—Crystals, 1-cwt. lots, 3s. 6d. per lb.; 5-cwt., 3s. 5d.

BRUCINE.—(Per oz.) SULPHATE, 100-oz., 14s. 6d.; 1,000 oz., 12s.; 10,000 oz., 9s.; 20,000 oz., 8s. ALKALOID for same quantities, 17s., 14s. 9d., 11s. 9d. and 10s. 9d.

CAFFEINE.—HYDRATE in 50-kilo lots and over, 25s. 3d. per kilo; CITRATE, 20s. 11d.

CARMINE.—1-cwt. lots 180s. per lb.

CHLOROPHYLL.—Water soluble, 100 per cent. (medicinal grade), 250s. per lb.; oil soluble, 25s. per lb.

CHLORPHENESIN.—50-kilo lots are 72s. 6d. per kilo.

POTASH SULPHURATED.—B.P.C., 1959, 8s. 2d. per kilo in 50-kilo drums.

POTASSIUM ACETATE.—(Per lb.) 1-cwt. lots, 3s.; 5-cwt., 2s. 8d.; 10-cwt., 2s. 6d.

POTASSIUM BICARBONATE.—B.P. powder, 110s. per cwt. 1-4 cwt. lots and 105s. per cwt. for 5-cwt and over.

POTASSIUM CARBONATE.—50-kilo kegs 6s. 1d. per kilo.

POTASSIUM CHLORIDE.—Pure 50-kilo sacks, 3s. 7d. per kilo.

POTASSIUM HYDROXIDE.—Pellets, B.P. 9s. 6d. per kilo; sticks, 15s. 5d.; technical flake, 4s. All 50-kilo lots.

POTASSIUM 8-HYDROXYQUINOLINE SULPHATE.—1-kilo lots are 55s.

POTASSIUM NITRATE.—Pure in 50-kilo sacks, 2s. 1d. per kilo.

POTASSIUM PERMANGANATE.—B.P. in 1-cwt. lots, 2s. 0½d. per lb. Technical, 218s. 6d. per cwt.; 1-ton lots, quoted at 207s. per cwt.

POTASSIUM PHOSPHATE.—B.P.C. 1949, 50-kilo kegs of powder, 8s. 4d. per kilo, GRANULAR, 8s. 10d.

POTASSIUM QUADROXALATE.—1-cwt. 3s. 6d. per lb.

POTASSIUM SULPHATE.—B.P.C. '49, 1s. 2d. per lb.

POTASSIUM THIOCYANATE.—50-kilo lots, 11s. 6d. per kilo in kegs.

ZINC CARBONATE.—25-kilo lots, 4s. 7d. per kilo.

ZINC CHLORIDE.—B.P.C. 1959, sticks, 19s. 2d. per kilo.

ZINC OXIDE.—2-ton lots, B.P. grade, are now £131 10s. per ton; 1 ton, £132 10s.

ZINC PEROXIDE.—1-cwt. lots of B.P., 5s. 3d. per lb.

ZINC SULPHATE.—B.P., 50 kilos, 3s. 6½d. per kilo.

Crude Drugs

BALSAMS.—(per lb.): CANADA: 36s. 6d., spot, 34s., c.i.f., new crop. COPAIBA: B.P.C. spot, 11s. 6d.; shipment, 6s. 6d., c.i.f.; PERU: spot, 12s. 6d.; shipment, 11s. 6d., c.i.f.; TOLU: B.P., 12s. 6d.

CARDAMOMS.—(per lb.). Alleppy greens, 18s., spot; shipment, 16s., c.i.f. Prime seed, spot, 32s. 6d.; shipment, 29s. 6d., c.i.f.

CINNAMON.—BARK, Seychelles, 160s. cwt. spot; shipment, 127s. 6d., c.i.f.; Ceylon QUILLS for shipment, five 0's, 10s. 11d. lb.; three 0's, 10s. 3d.; seconds, 8s.; quillings, 4s. 9½d., all c.i.f.

DANDELION.—Root is 175s. per cwt., spot, September-October shipment, 165s., c.i.f.

GINGER.—(per cwt.). Nigerian split, 100s. spot; Africa, 155s. Jamaican No. 3, 250s.; Cochin, 200s.

GUM ACACIA.—Kordofan cleaned sorts, 260s. per cwt., spot; shipment, 216s., c.i.f.

HONEY.—(per cwt., ex store). Australian light amber, 132s. 6d. to 137s. 6d.; and medium amber, 115s. to 120s. Argentine, 122s. 6d. to 127s. 6d.; Canadian, 172s. 6d. to 175s.; Mexican, 115s. to 120s.; Chinese, 85s. to 100s.

LEMON PEEL.—Spot, partially extracted, 1s. 3d. lb.; unextracted for shipment, 2s. 6d.

MACE.—No. 1 broken, for shipment, 12s. 3d. lb., c.i.f.

MENTHOL.—(Per lb.). Chinese, September-October shipment, 30s. 6d., c.i.f.; spot, 32s. 6d. in bond. Brazilian for shipment, 27s. 9d., c.i.f.; spot, 28s. 6d. in bond.

NUTMEGS.—(Per lb.). West Indian, spot, sound unsorted, 5s. 9d.; shipment: 110's, 6s. 6d., 80's, 7s. 6d.; defectives, 3s. 6d., all c.i.f.

PEPPER.—White Sarawak, spot, 2s. 11d. (2s. 9½d., c.i.f.); Black Sarawak, 2s. 0½d., c.i.f. Black Malabar, 295s. per cwt. c.i.f., Brazilian black No. 1, 2s. 9d. lb. duty paid.

RHUBARB.—Various grades offered at from 10s. to 25s. per lb. spot.

SEEDS.—(Per cwt.). ANISE.—Cyprian, 237s. 6d., c.i.f. CARAWAY.—Dutch, 145s., spot. CELERY.—Indian, 165s. spot; new crop, July-August shipment 152s. 6d., c.i.f. CORIANDER.—Spot, Moroccan, 105s., duty paid; shipment Moroccan, 83s., c.i.f. Rumanian whole, 80s., c.i.f. CUMIN.—Spot, Cyprian, 250s., Indian, 250s., Iranian,

215s., duty paid; shipment Cyprian, 235s., Iranian, 160s., both c.i.f. DILL.—Indian' 120s., spot; shipment, 97s. 6d., c.i.f. FENNEL.—Chinese, 125s., duty paid; Indian, 145s. FENUGREEK.—Moroccan, 82s. 6d., duty paid; shipment, 65s., c.i.f. MUSTARD.—English, 75s. to 100s. according to quality.

SENEGA.—Canadian, 30s. per lb., landing; shipment, 28s., c.i.f.

SENN.—(Per lb.). Tinnevely LEAVES, spot; Prime No. 1, 2s. 3d. nominal; No. 3, f.a.g., 1s. 4½d.; shipment; No. 3, 1s. 3d., c.i.f. PODS: Tinnevely hand-picked, 2s. 6d. to 2s. 9d.; manufacturing, 1s. 9d., nominal; shipment, 1s. 8d., c.i.f. Alexandria hand-picked spot, 5s. to 7s. with substandard material at lower levels; manufacturing forward, 2s. 1d., c.i.f.; spot, 2s. 6d.

TURMERIC.—Madras finger spot 155s. per cwt.; shipment, 127s. 6d., c.i.f.

WAXES.—(Per cwt.). BEES' —Dar-es-Salaam, 812s., c.i.f. CANDELLILLA, spot, 465s.; forward, 460s., nominal. CARNAUBA, fatty grey, spot, 290s. (270s., c.i.f.), prime yellow spot, 410s. (390s., c.i.f.).

Essential and Expressed Oils

ANISE.—Chinese, spot, 11s. 6d. lb.; shipment, 10s. 9d., c.i.f.

BOIS DE ROSE.—Brazilian, spot, 22s. per lb.; shipment, 21s., c.i.f.

CITRONELLA.—Ceylon, spot, 4s. per lb.; shipment, 3s. 9d., c.i.f.; Formosan, 4s. 6d. in bond and 5s., c.i.f.; Chinese, 3s. 10d. in bond; 3s. 8d., c.i.f.

CLOVE.—Madagascar leaf for shipment, 9s. 6d., c.i.f. spot, 9s. 9d. in bond. Rectified, 10s. Distilled bud oil English, B.P., 26s. per lb., for 1-cwt. lots.

CORIANDER.—From 40s. per lb. spot.

CUBER.—Spot supplies of English are 90s. per lb.

CUMIN.—English distilled oil, 125s. per lb. imported, 90s. to 100s.

FENNEL.—Spanish sweet, 16s. per lb., duty paid.

GERANIUM.—Bourbon, 85s.-87s. 6d. lb. spot.

LEMONGRASS.—Spot, 25s. 6d. per kilo shipment, 23s. 9d., c.i.f.

OLIVE.—Spot is from 26s. 6d. to 27s. per gall., in drums, ex wharf.

PALMAROSA.—Shipment, 165s. per kilo, c.i.f.; spot, 170s. per kilo.

PATCHOULI.—Spot, 27s. 6d. to 32s. per lb., duty paid; shipment, 22s. 6d. to 24s., c.i.f.

PETIGRAIN.—Paraguay for shipment, 15s. 3d., c.i.f.; spot, 15s. 6d. per lb.

SANDALWOOD.—Mysore, spot, 118s. 6d. lb., East Indian for shipment, 275s. per kilo, c.i.f.

TANGERINE.—Sicilian new crop offers at from 29s. to 33s. per lb.

THYME.—Red, 27s. 6d. per lb., for 45-50 per cent., duty paid.

YLANG YLANG.—Best oil quoted about 135s.

UNITED STATES REPORT

NEW YORK, AUGUST 1: The price of BROMIDES fell one cent per lb. making the POTASSIUM and SODIUM salts each 38 cents. and AMMONIUM, 44 cents. Lower prices for AMMONIA are planned by one maker. CALOMEL powder at \$9.19 lb. was up 94 cents. COPAIBA BALSAM at \$1 to \$1.25 was up from a range of 80-85 cents lb. LOBELIA HERB at 90 cents. was down 45 cents lb and SENEGA at \$4.60 down 40 cents.

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

"Trade Marks Journal,"
July 19, No. 4638

For sensitised photographic films (1)

ROYAL-X, 892,416, by Kodak, Ltd., London, W.C.2.

For chemical products used in industry (1)

INDOPEN, 894,170, by Sandoz Products, Ltd., Horsforth, Leeds, Yorks. DEQUEST, 894,390, by Monsanto Co., Creve Coeur, Missouri, U.S.A.

For chemical products for industrial use (1)
DEXYM, 898,406, by Novo Industri, A/S., Copenhagen, N., Denmark.

For synthetic aromatic compounds for use in industry (1)

FOLIAL, VETYROL, SYLVONA, 902,049-51, by May & Baker, Ltd., Dagenham, Essex.

For aromatic chemicals (1)

CAROSYL, 902,406, by Proprietary Perfumes, Ltd., Ashford, Kent.

For chemical substances for use in industry (1) and for pharmaceutical preparations and substances for human and veterinary use (5)

Device with letters WB, 901,507-08, by Ward, Blenkinsop & Co., Ltd., Wembley, Middlesex.

For perfumes (3)

Device with letters DON, B882,503, by Don and Partners, Cheltenham, Glos.

For preparations for the hair (3)

MAGNUM, B887,386, by R. Pearson & Co., Embassy, Ltd., Nelson, Lancs.
FRENCH OF LONDON BUOYANCE, B891,065, B894,608, by French & Scott, Ltd., London, E.8.

For perfumed soap; shaving soap, shaving cream, shaving powder, talcum powder for toilet use; toilet water; toothpaste; and brilliantine; all being lime scented or lime flavoured (3)

WILLIAMS' FROST LIME, 890,771, by James B. Williams Co. (England), Ltd., London, W.1.

For preparations for washing, waving, setting and colouring the hair, hair lotions, hair creams, hair oils, hair lacquers, non-medicated toilet preparations for treatment of the hair and scalp (3)

TINO, 896,036, by Cortina Chemicals, Ltd., London, S.E.18.

For cold-wave solutions for use in hair-dressing (3)

TINOWAVE, TINOFLO, 896,037-38, by Cortina Chemicals, Ltd., London, S.E.18.

For perfumes, non-medicated toilet preparations, cosmetic preparations, dentifrices, depilatory preparations, toilet articles, sachets for use in waving the hair, shampoos, soaps and essential oils (3)

COUNTESS ISSERLYN, 896,126, by Lanvin-Charles of the Ritz, Inc., New York, U.S.A.

For detergents (not for use in industrial or manufacturing processes) preparations and substances for laundry use; cleaning, polishing, scouring and abrasive preparations (3) and for deodorants, disinfectants, insecticides, antiseptics, fungicides, and preparations for killing weeds and destroying vermin (5)

MAGIC HAND, 900,923-24, by Beecham Toiletory Division, Brentford, Middlesex.

For perfumes, non-medicated toilet preparations, cosmetic preparations and perfumed soap (3)

RIMMEL No. 3, RIMMEL No. 5, RIMMEL No. 7, RIMMEL No. 9, 900,051, by Rimmel, Ltd., London, W.1.

For soaps, non-medicated toilet preparations, cosmetics, preparations for the hair and dentifrices (3)

SOCIABLE, 900,704, by Unilever, Ltd., Port Sunlight, Ches.

For toilet soaps and non-medicated toilet preparations (3)

ARABESQUE, 901,775, by Roberts Windsor, Ltd., London, W.1.

For anti-diarrhoeal preparations, for use on medical prescription (5)

EXPEDIL, 891,855, by American Cyanamid Co., Wayne, New Jersey, U.S.A.

For non-medicated toilet preparations, cosmetics and toilet articles (3)

STRAWBERRY BLUSH, B902,399, by Roux International, Ltd., Artane, Dublin, 5, Eire.

For non-medicated toilet preparations, cosmetic preparations, dentifrices, depilatory preparations, toilet articles, sachets for use in waving the hair, shampoos, soaps and essential oils (3)

Device, 902,014, TOPEXANE, 902,016, by Laboratoire Lachartre, Paris, 12, France.

For perfumes, perfumed soap, perfumed cosmetic preparations and essential oils (3)

GLAN, 902,212, by L. Givaudan & Co., S.A., Geneva, Switzerland.

For perfumes, dentifrices, depilatory preparations, toilet articles, sachets for use in waving the hair, essential oils, non-medicated toilet preparations, shampoos and soaps, but not including preparations used for tinting the hair (3)

COTY ORIGINALS, 903,727, by Coty (England), Ltd., London, W.1.

For deodorants, anti-perspirant preparations and breath freshening preparations; medicated preparations for the skin, scalp, gums and mouth (5)

HUSH, 873,328, by Gillette Co., Boston, Massachusetts, U.S.A.

For pharmaceutical preparations for veterinary use, sanitary preparations, fungicides, insecticides, weed killing preparations, herbicides and disinfectants, all being products derived from petroleum; none being for export to or sale in Fiji Islands, Cook Islands, Tonga Islands or Samoa Islands (5)

Device with letters BP, 888,993, by British Petroleum Co., Ltd., London, E.C.2.

For dietetic food products; and pharmaceutical preparations and substances; all for use in slimming (5)

DANONE, 890,358, by Daniel Carasso, Paris, 16e, France.

For medical and surgical plasters, wound dressings, and materials prepared for bandaging (5)

LEUKOPOR, 891,619, by P. Beiersdorf & Co., A.G., Hamburg, 20, Germany.

For blackcurrant syrups prepared for making beverages for medicinal purposes (5)

BLACK VELVIT, 893,348, by C. Robinson & Co., Ltd., Tenbury Wells, Worcestershire.

For medicaments, chemical products for therapeutic and sanitary purposes, pharmaceutical drugs; medical and surgical plasters and dressings; pesticides, weed killing preparations, disinfectants; and dietetic foods (5)
LAEVO B+C, 894,139, by Laevosan-Gesellschaft, Chem.-Pharm. Industrie Franck & Dr. Freudl, Linz, Austria.

For medicaments, chemical products for pharmaceutical purposes, pharmaceutical drugs, medical and surgical plasters, material prepared for bandaging, preparations for killing plants and destroying animals, sterilizing compounds and disinfectants (5)

PENICORT, 894,359, by Gebr. Vermehren, G.m.b.H., Hamburg, Germany.

For sanitary clothing; medicated wadding, surgical dressings, material prepared for bandaging; sanitary towels and sanitary tampons (5)

LUXFAB, 894,577, by Luxan Hospital Supplies Co., Oldham, Lancs.

For veterinary preparations and substances (5)

HEPTAVAC, 894,968, by International Serum Co., Ltd., London, N.W.7.

For pharmaceutical substances (5)

BREVIDIC, 894,977, by Veb Arzneimittelwerk Dresden, Radebeul, 1, Germany.

For insect repelling preparations in spray form (5)

BUZZ-OFF, B895,950, by Stephenson Mills, Ltd., Reading, Berks.

For pharmaceutical substances and preparations, none being for export from the United Kingdom (5)

PAXIDORM, 897,053, by Wallace Manufacturing Chemists, Ltd., London, N.W.3.

For contraceptive drugs (5)

BIRTROL, 897,099, by Roche Products, Ltd., Welwyn Garden City, Herts.

For pharmaceutical preparations for use in the treatment of cramp (5)

CRAMPOL, B897,756, by Dainippon Seiyaku, K.K., Osaka, Japan.

For medicated preparations for application to the skin, scalp, mouth and teeth; deodorants (5)

CUNARD, B898,334, by Colgate-Palmolive Co., New York, U.S.A.

For pharmaceutical, veterinary and sanitary substances; infants' and invalids' foods; material prepared for bandaging; disinfectants (5)

INFAL, 898,648, by Fisons Pharmaceuticals, Ltd., Loughborough, Leics.

For pharmaceutical preparations, all being in tablet form (5)

FILMOIDE, B899,613, by Societa Farmaceutici Italia, Milan, Italy.

For medicine for use in the treatment of infections and inflammation of the mouth (5)

ORALCER, 900,297, by Kartar Singh Lalvani, London, N.W.11.

For germicidal preparations (5)

GLANOXOL, 901,157, by Uniglan, Ltd., Nuneaton, Warwickshire.

For pharmaceutical preparations and substances (5)

ACTAN PROLONGATUM, 901,451, PAR-TOCIN I.N., 902,819, by Ferring, AB, Malmo, 9, Sweden. PROTOPAN, 903,431, by Clay & Abraham (Manufacturing), Ltd., Liverpool, 1.

For X-ray contrast media (5)

CISTOBIL, 901,594, by Bracco Industria Chimica, S.p.A., Milan, Italy.

For preparations and substances, and for use in dentistry (5)

CAULK, B901,774, by Dentists' Supply Co. of New York, New York, U.S.A.

For disinfectants and bactericidal preparations (5)

VANTOCIL, 902,333, by Imperial Chemical Industries, Ltd., London, S.W.1.

For disinfectants and deodorants; insecticides and preparations for killing vermin; all in aerosol form (5)

CONVAIR, 902,769, by W. B. Cartwright, Ltd., Rawdon, nr. Leeds.

For pharmaceutical preparations for human use in the treatment of peripheral vascular diseases; all in tablet form (5)

PERNIL, 902,774, by Crookes Laboratories, Ltd., Basingstoke, Hants.

For medicated bath preparations and substances (5)

MEDIBATH, 902,909, by Carter-Wallace, Inc., New York, U.S.A.

For pharmaceutical, veterinary and sanitary substances; infants' and invalids' foods; medical and surgical plasters; material prepared for bandaging (5)

IMFERON TDI, 903,118, by Fisons Pharmaceuticals, Ltd., Loughborough, Leics.

For infants' and invalids' and dietetic foods (5)

CERALIC, B903,170, by Dr. A. Wander, S.A., Berne, Switzerland.

For pharmaceutical products (5)

TRANXILUM, 903,288, by Etablissements Clin-Byla, Paris, France.

For pharmaceutical preparations for veterinary use (5)

FURAMAS, 903,638, by Walter Gregory & Co., Crawley, Sussex.

For pharmaceutical products (5)

BAYCARON, 903,657, by Farbenfabriken Bayer, A.G., Leverkusen, Germany.

For pharmaceutical and veterinary preparations (5)

NEO-OCERYCETIN, 903,719, by Willows Francis, Ltd., Epsom, Surrey and London.

For pharmaceutical, medical and veterinary preparations for application to the skin (5)

DERMASPORIN, 903,750, by Wellcome Foundation, Ltd., London, N.W.1.

For dietetic foodstuffs (5)

TEVIO, 904,246, by Farbenfabriken Bayer, A.G., Leverkusen, Germany.

For razors and razor blades (8)

SCHICK-BAND, B899,529, by Eversharp, Inc., Milford, Connecticut, U.S.A.

For toothbrushes (21)

GIBBS, B899,620, by Unilever, Ltd., Port Sunlight, Ches.

"Trade Marks Journal," July 26, No. 4639

For chemical products used in agriculture and horticulture, and artificial manures (1) **TRACEL**, B903,634, by John Edward Tomkinson, Pocklington, York.

For creams, brillantines, toilet soaps, shampoos for the hair, toilet waters, perfumes, hair lacquers and non-medicated hand creams (3) **MARGO'S** 007, 860,662, by Sidney Margolis, Ltd., London, S.E.17.

For perfumes, eau-de-Cologne, non-medicated toilet preparations, cosmetics, soaps, essential oils, preparations for the hair and dentifrices (3) **EAU SAUVAGE**, 894,154, by Parfums Christian Dior, Paris, 8e, France.

PATENTS**COMPLETE SPECIFICATIONS ACCEPTED BEFORE REGISTRATION****From the "Official Journal (Patents)" July 19, 1967**

Derivatives of glycyrrhetic acid. Biorex Laboratories, Ltd. 1,081,628.
Furan compounds. Shionogi & Co., Ltd. 1,081,647.

Method of preparing solid stable preparations of sensitive active substances. E. Merck, A.G. 1,081,667.

3,3-Bis (p-hydroxyphenyl) oxindole derivatives. Laboratoire Roger Bellon. 1,081,743.

Preparation of slow release fertiliser compositions. Sun Oil Co. 1,081,755.

Derivatives of rifamycin O and S. CIBA, Ltd. and Lepetit, S.p.A. 1,081,757.

Pesticidal compositions. Imperial Chemical Industries, Ltd. 1,081,763.

Oil adjuvants for water-in-oil emulsions of antigenic materials. Wright-Fleming Institute of Microbiology, St. Mary's Hospital Medical School. 1,081,796.

British patent specifications relating to the above will be obtainable (price 4s. 6d. each) from the Patents Office, 23 Southampton Buildings, Chancery Lane, London, W.C.2, from August 31, 1967.

From the "Official Journal (Patents)" July 26, 1967

Carbamate esters. Dow Chemical Co. 1,081,806.

Nasal cannula. Brunswick Corporation. 1,081,807.

Sigmoidoscope and illuminating means thereof. Smith Kline & French Laboratories. 1,081,849.

Piperazine derivative. Imperial Chemical Industries, Ltd. 1,081,866.

Analgesic therapeutic treatment appliances. W. Seuss. 1,081,880.

Difluoraminated piperazine derivative. Imperial Chemical Industries, Ltd. 1,081,897.

Bile acid derivatives. State of Israel, S. Sarel, Y. Yanuka, and Y. Shalon. 1,081,929.

Steroid butenolides. State of Israel, S. Sarel, Y. Yanuka and Y. Shalon. 1,081,930.

Medical prosthetic devices. R. J. Harvey. 1,082,002.

Fermentation method for the production of 5'-purine nucleotides. Kyowa Hakko Kogyo Co., Ltd. 1,082,071.

Liquid detergent composition. Procter & Gamble, Ltd. 1,082,076.

Prolonged action antigen from whole pollen. Omega Laboratories, Ltd. 1,082,159.

Manufacture of herbicidal materials comprising 4,4'-bipyridylium diquaternary salts. Imperial Chemical Industries, Ltd. 1,082,205.

Antibiotic medicine. Soc. D'Applications Chimiques D'Etudes et De Recherches. 1,082,206.

Caps for feeding bottles. Benger Laboratories, Ltd. 1,082,208.

Pesticidal compositions for exterminating insects resistant to organic chlorine-containing insecticides. Bombrini Parodi-Delfino, S.p.A. 1,082,285.

3,17-Disubstituted - 5,6 - dichloroandrostanes. Abbott Laboratories. 1,082,416.

Preparation of penicillanic acid derivatives. American Home Products Corporation. 1,082,427.

Tropane alkaloid derivatives. J. P. M. Raudnitz and H. Wahl. 1,082,445.

Epine derivatives and a process for the manufacture thereof. F. Hoffmann-La Roche & Co., A.G. 1,082,444.

Flavouring compositions. Chas. Pfizer & Co., Inc. 1,082,504.

Preparation of $\Delta^1,4$ -3-keto-steroids. Syntex Corporation. 1,082,508.

Derivatives of aminoacids and peptides. Syntex Corporation. 1,082,524.

Preparations for the treatment of hair. Roussel-Uclaf. 1,082,546.

Preparation of steroid esters. Boots Pure Drug Co., Ltd. 1,082,573-74.

Glass cylinder syringes. Chirana Zavody Zdravotnickej Techniky Odborovy Podnik. 1,082,585.

Method of and composition for eliminating or reducing helminths in animals. Shell Internationale Research Maatschappij, N.V. 1,082,598.

Therapeutic apparatus for applying hot and/or cold stimulation to skin parts of the human body. M. Okuhara. 1,082,659.

Process for the manufacture of α -nor- β -homosteroids and steroid intermediates thereof. CIBA, Ltd. 1,082,679.

British patent specifications relating to the above will be obtainable (price 4s. 6d. each) from the Patents Office, 23 Southampton Buildings, Chancery Lane, London W.C.2, from September 6.

NOTES ON NEW MEDICAMENTS

ARLEF 100.—Chemistry: N-(α,α ,trifluoro-methyl)anthranilic acid. This compound, also known as flufenamic acid, was developed after the favourable reports of the use of mefenamic acid as an analgesic and anti-inflammatory agent. Mefenamic acid (2,3-xylanthranilic acid) was introduced as a more effective analgesic than aspirin under the brand name Ponstan, but the new compound appears to have increased anti-inflammatory potency. Halogenation increases the potency of many drugs. The new compound is said to be more active, and comparable in anti-inflammatory power with other non-steroidal drugs such as indomethacin and phenylbutazone. Studies with radioactive chromium 51 have indicated that the blood loss from the gastro-intestinal tract associated with aspirin is much less likely to occur with flufenamic acid.

CELONTIN.—Chemistry: Dimethyl- α -phenylsuccinamide (approved name methsuximide). It is closely related to phenisuximide (Milontin) from which it differs only in an additional methyl group attached at the 2-position, and is also related to ethosuximide (α -ethyl- α -methylsuccinimide) where the methyl group is absent from the N-position, and an ethyl group replaces the phenyl group. There is more distant relationship with phenytoin, in that all the compounds have nitrogen-containing 5-membered ring structures and have anticonvulsant properties, though the succinimides form a separate group. Clinically they are chiefly used in the treatment of petit mal when the condition is not controlled by other anticonvulsants. Temporal lobe epilepsy may also respond to treatment with methsuximide, but in common with other succinimide anticonvulsants, it may increase the number of seizures in grand mal, or when the patient suffers from both grand mal and petit mal epilepsy.

WILLS

MR. A. Y. BARRIE, M.P.S., 35 Camphill Road, Broughty Ferry, Dundee, left personal estate in England and estate in Scotland valued at £188,530.

MR. J. B. BRAID, Cranford Lodge, 37 Cranford Avenue, Exmouth, Devon, who qualified as a chemist and druggist in 1903, left £10,347 (£10,259 net).

MR. H. CLEGG, M.P.S., Penstowe, Staddon Road, Holsworthy, Devon, left £28,622 (£28,382 net).

MR. T. G. COCHRANE, M.P.S., 39 High Street, Dalbeattie, Kirkcudbrightshire, left per-

sonal estate in England and Scotland valued at £23,466.

MR. C. H. W. GORE, M.P.S., 395 Plains Road, Mapperley, Notts, left £21,829 (£21,718 net).

MR. G. H. HANKINSON, M.P.S., 12 Faber Gardens, London, N.W.4, left £12,002 (£11,821 net).

MR. R. MURRAY, M.P.S., Woodvale Avenue, Bearsden, Dunbartonshire, left personal estate in England and estate in Scotland valued at £23,097.

MR. H. M. REES, F.P.S., 171 Anerley Road, London, S.E.20, left £32,351 (£31,796 net).

MR. G. H. WILLIAMS, M.P.S., 51 Seven Acres Lane, Norden, Rochdale, Lancs, left £7,419 (£5,676 net).

MR. J. H. WILLIAMS, M.P.S., 7 Buarth Road, Aberystwyth, Cardiganshire, left £3,900 (£3,839 net).

MR. A. J. WILSON, M.P.S., 219 Morningside Road, Edinburgh, left personal estate in England and estate in Scotland valued at £40,269.

PRINT AND PUBLICITY**PRESS ADVERTISING**

REXALL DRUG CO., 19 Castle Boulevard, Nottingham: Super Plenamins. In *Daily Mirror*, *Daily Express*, *Daily Record*, *Irish Independent*, *Irish Press*, *Sunday Post* and *Belfast Telegraph*.

PUBLICATIONS**Medical Propaganda**

Manufacturers' leaflets, folders, booklets, etc., directed to doctors but available to pharmacists.

BERK PHARMACEUTICALS, LTD., Cotteshall Lane, Godalming, Surrey: "Duogastone" (file card).

BRISTOL LABORATORIES, LTD., Astronaut House, Feltbam, Middlesex: "Bristrex" (8-p booklet).

PARKE, DAVIS & Co., Hounslow, Middlesex: "Celontin" (file card).

RIKER LABORATORIES, Loughborough, Leics.: "Dorbanex . . . laxative and faecal softener" (16-p booklet and file card).

ROUSSEL LABORATORIES, LTD., Columbus House, Wembley Park, Middlesex: "Mandrax in capsule form" (4-p folder).

SCHERING CHEMICALS, LTD., Victoria Way, Burgess Hill, Sussex: "Urovison pyelographic medium" (descriptive booklet).

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of week of insertion.

Monday, August 7

INTERNATIONAL GIFT AND FANCY GOODS EXHIBITION, Earls Court, London, S.W.5. Until August 11.

Wednesday, August 9

CHESTERFIELD BRANCH, PHARMACEUTICAL SOCIETY, Chesterfield market place, at 7 p.m. Coach outing.

MANCHESTER PHARMACEUTICAL GOLFING SOCIETY, Ormskirk golf club, Ormskirk, Lancs. Four-ball Stableford competition for Robinson & Sons, Ltd., (Chesterfield) prizes.

SOUTH LONDON AND SURREY PHARMACISTS' GOLFING SOCIETY, Cropham Hurst golf club, Cropham Road, South Croydon, at 1 p.m. Stableford competition for Banstead bowl and other prizes.

Courses and Conferences

NATIONAL PHARMACEUTICAL UNION, Majestic hotel, Harrogate, Yorks, on October 15. Meeting for N.P.U. branches in areas N.E. 1, 2 and 3.

SOCIETY OF COSMETIC CHEMISTS, Leamington, Warwickshire, November 13-15. Symposium on manufacturing and processing in the cosmetic industry. Details from Dr. J. J. Mausner, 56 Kingsway, London, W.C.2.

EXECUTIVE COUNCILS' ASSOCIATION (ENGLAND), Torquay, Devon, October 19-20. Annual conference.

Prescribers' Press

What doctors are reading about developments in drugs and treatments

DOXAPRAM hydrochloride has been found the most effective of five respiratory stimulants compared by workers at Leeds Chest Clinic in thirty-two chronic bronchitic patients in acute ventilatory failure. Doxapram is described as a pyrrolidinone derivative and a potent, centrally acting respiratory stimulator. Drugs used for comparison in the double-blind trial were nikethamide, prethcamide, amphenazole and chlamivan. In reversing hypercapnia and hypoxaemia doxapram seemed the most and nikethamide and prethcamide the least effective. Doxapram was also the least toxic of the drugs. It therefore justifies further study, say the authors (*Lancet*, July 29, p. 226).

[Doxapram is not yet generally available for trial.—EDITOR.]

DIAMORPHINE showed no clearcut advantages over morphine and there was no appreciable difference in toxicities of the two drugs, report workers at Queen's University, Belfast, Northern Ireland, who compared the toxicities of diamorphine, morphine and methadone in women undergoing minor gynaecological operations. In the first 90 minutes after the injection of equi-analgesic doses, diamorphine was more sedative than morphine and much more so than methadone. Diamorphine was found, however, to have the earlier onset of action, an effect which the authors agree may be advantageous in the treatment of severe pain. Little difference was found in the ability of the three drugs to relieve apprehension or cause euphoria. All caused dizziness and morphine more vomiting than the other two drugs (*Lancet*, July 29, p. 221).

HETACILLIN generally gives lower blood concentrations than ampicillin and does not have significant new properties, says a worker at St. Thomas's Hospital, London, in a letter to the *B.M.J.* "In the body the newer anti-

biotic is largely converted into ampicillin, and the writer has therefore compared blood levels in a cross-over trial in volunteers using a cup-plate assay method. In only nine instances out of sixty, did the serum concentration after hetacillin administration exceed that following use of ampicillin. Those nine instances were "probably within the range of error of the method." The finding supports that of a recent paper but conflicts with American reports, leading the writer to call for an organisation prepared to carry out or arrange for an objective assessment of conflicting reports on the properties of antibacterial agents (*B.M.J.*, July 29, p. 305).

THE effect of pyridoxine hydrochloride in the treatment of radiation sickness resulting from radiotherapy has been investigated at University College Hospital, London, and reported in the *B.M.J.* The authors were unable to detect any significant difference between a low dose (1 mgm. three times a day) and a high dose (50 mgm. three times a day). They conclude that treatment with 1 or 2 mgm. by "radiotherapists who are convinced of its efficacy" gives good results, but are unable to say whether the effect of the low dose would differ from the effect of a placebo (*B.M.J.*, July 22, p. 215).

CONTEMPORARY THEMES

Subjects of contributions in current medical and technical publications.

SPECTROSCOPIC STUDIES of skin *in situ* by attenuated total reflectance. *J. Soc. Cos. Chem.*, July, p. 469.

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NEW COMPANIES

P.C.=Private Company, R.O.=Registered Office.
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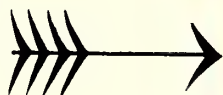
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Anadin	3/90	2/37	2/60	1/30	2/60	1/30	—	3/67	2/60	—	—	2/60	—	2/60
Andrews liver salt ...	6/90	4/60	3/45	5/75	3/90	1/15	4/60	—	3/45	4/120	4/60	3/45	1/15	2/30
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Dettol	3/135	3/135	2/90	1/45	1/45	—	—	3/135	—	—	2/90	—	—	3/135
Disprin	1/15	3/45	1/15	1/15	2/30	2/30	2/30	4/60	1/15	2/30	2/30	3/45	—	2/30
Haze	1/15	1/15	2/30	1/15	2/30	2/30	1/15	2/30	2/30	1/15	1/15	2/30	—	1/15
Horlicks	1/30	2/60	2/60	2/60	2/60	2/60	3/90	2/60	3/90	3/90	—	3/90	—	—
Immac	3/90	1/30	1/30	1/30	4/51	2/60	1/30	1/30	—	—	—	—	—	2/60
Imperial Leather	2/45	2/45	1/15	2/45	4/60	2/45	2/30	4/75	2/45	4/75	3/60	2/45	—	—
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Steradent	1/30	1/30	1/30	—	1/30	3/90	5/150	4/120	2/60	1/30	2/60	2/60	—	1/30
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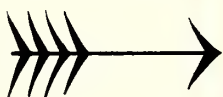
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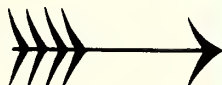
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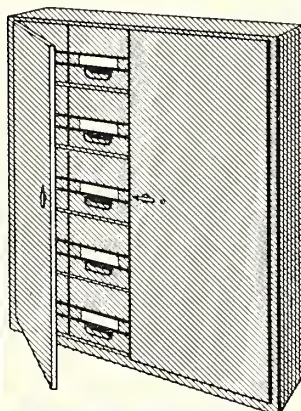
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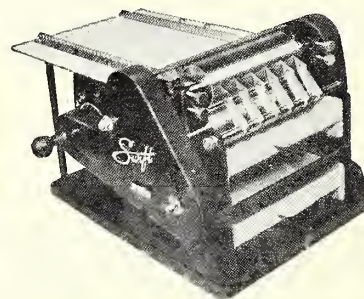
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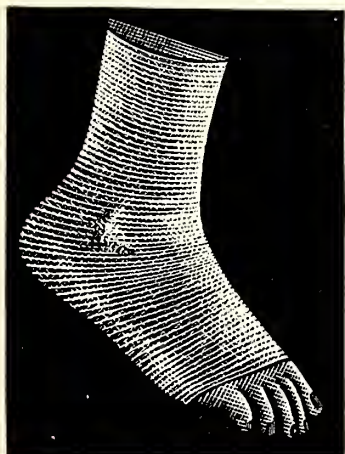
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Elasticated tubular bandage ($\frac{1}{2}$ yd pack)
N.H.S.



**for support
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SIZE 2½" (G4) — for small adult limbs, wrists and ankles
 SIZE 3" (G4X) — for adult elbows, arms, medium legs, swollen wrists and swollen ankles
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(Tubigrip is also available in one yard or 12yd rolls—not N.H.S.)

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TUBIGRIP elasticated tubular bandages are ideal for a wide range of vital applications including support for weakened muscles and joints, the rehabilitation of limbs after the removal of plaster, the counteraction of many oedematous conditions and those resulting from thrombosis, phlebitis and varicose veins. Ideally suitable for sprains, strains and swellings.

TUBIGRIP is a great improvement on conventional materials as it affords adequate ventilation and does not cause ridging or cutting. It is easy to apply and will remain in position with no adjustment allowing free movement of joints. It washes well with no loss of elasticity.

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APPOINTMENTS

CANTERBURY GROUP HOSPITAL MANAGEMENT COMMITTEE

Chief Pharmacist

Applications are invited for the post of Chief Pharmacist (Category 1) in the Canterbury Group of Hospitals. Post vacant due to promotion of present holder within the Group. Salary £1,128-£1,444 per annum depending on experience.

Duties will include certain specific responsibilities in the Group Pharmaceutical Department at the Kent and Canterbury Hospital (Category V Hospitals).

Full details of the post may be obtained from the Group Pharmacist, Kent, and Canterbury Hospital, Canterbury (Canterbury 66041). Accommodation available for female candidate (single).

Applications to Group Secretary, Central Office, Nunnery Fields Hospital, Canterbury.

C 8046

CANTERBURY GROUP HOSPITAL MANAGEMENT COMMITTEE

Locum Chief Pharmacist (Category 1)

required immediately for period of 2 months. Salary £27 3s. 6d. per week.

Accommodation available for female candidate (single).

Applications to and full information from the Group Pharmacist, Kent and Canterbury Hospital, Canterbury (Canterbury 66041).

C 8045

CENTRAL MIDDLESEX HOSPITAL

Park Royal, N.W.10

Senior Pharmacist

required in above Category Five Hospital. Duties will rotate between Out-Patients and Main Pharmacy with occasional duties in Sterile Solutions Unit. Department which has been re-equipped can be visited by appointment with Chief Pharmacist, tel.: ELGar 5733. Applications, with full particulars of experience and names of two referees to Hospital Secretary.

C 816

CENTRAL MIDDLESEX HOSPITAL

Park Royal, N.W.10.

Locum Pharmacist

required at above Category Five Hospital. Salary £25 18s. 6d. per week. Applications to Hospital Secretary immediately.

C 815

MILE END HOSPITAL

Bancroft Road, London, E.1

Deputy Chief Pharmacist

Applications are invited for the post of deputy chief pharmacist (Category IV) at Mile End Hospital. Whitley Council conditions of service. Further particulars may be obtained from the Chief Pharmacist (Tel.: ADVance 4855). Applications stating age, qualifications, experience and the names of two referees, to the Group Secretary at the above address.

C 8033

NEW BARKING HOSPITAL

Upney Lane, Barking, Essex

Senior Pharmacist

required for new department. Barking Hospital is adjacent to Upney District Line Station and within 45 minutes of the West End of London and the East Coast. Salary Scale £1,076-£1,340 p.a. plus London Weighting. Accommodation may be made available if required.

Applications together with the names of two referees to the Group Secretary, King George Hospital, Eastern Avenue, Newbury Park, Ilford, Essex.

C 779

NEW BARKING HOSPITAL

Upney Lane, Barking, Essex

Basic Grade Pharmacist

required for this New Hospital adjacent to Upney District Line Station and within 45 minutes of the West End of London and the East Coast. Salary Scale £988-£1,242 p.a. plus London Weighting.

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C 778

ROYAL FREE HOSPITAL

Gray's Inn Road, W.C.1

Senior Pharmacist

Applications are invited for the post of Senior Pharmacist in the Sterile Products Unit at Liverpool Road, Islington, supplying the needs of the whole Group. Salary in accordance with the Whitley Council Scale with extra pay for evening clinics. There is a possibility of accommodation if required. Apply naming two referees to the Group Chief Pharmacist, Royal Free Hospital, Gray's Inn Road, London, W.C.1.

C 7983

ST. ALBANS CITY HOSPITAL

St. Albans, Herts.

Locum Tenens Pharmacist

required 4th to 30th September, 1967. Salary £24 9s. 6d. per week. Applications to Hospital Secretary

C 813

ST. ALBANS CITY HOSPITAL

St. Albans, Herts.

Senior Pharmacist

(£1,076-£1,340) required in July 1967 at this Category III hospital. Good and varied experience for young Pharmacist. New ward block opening this summer. Applications naming two referees to Chief Pharmacist.

C 810

ST. HELENA GROUP HOSPITAL MANAGEMENT COMMITTEE

14 Pope's Lane, Colchester, Essex

Pharmacy Technician I

required based at Essex County Hospital, Colchester. Duties consist principally of the preparation of medicines and dispensing of prescriptions for out-patients and in-patients at hospitals in Colchester and surrounding area. Work will generally be carried out under supervision of a Pharmacist, but successful applicant may be required to work at times without direct supervision away from the main Pharmacy. Qualification required is Certificate of the Society of Apothecaries, the Dispensing Certificate of the R.A.M.C. or the R.A.F., or other equivalent qualification. Salary on the scale £530 to £769 depending on age and experience. Further details from the Group Pharmacist at Essex County Hospital, and application forms from Group Secretary, St. Helena Group H.M.C., 14 Pope's Lane, Colchester, Essex.

C 8050

ST. MARY ABBOTS HOSPITAL

Marloes Road, Kensington

Pharmacist (Locum or permanent)

required immediately. Pleasant working conditions in modern department. Hospital conveniently situated near Kensington High Street and Earl's Court. Accommodation available for female applicant. Applications to House Governor, St. Mary Abbots Hospital, Marloes Road, Kensington, W.8. (Enquiries to Chief Pharmacist, Western 8201, Ext. 8.)

C 8049

SHREWSBURY GROUP HOSPITAL MANAGEMENT COMMITTEE

Shelton Psychiatric Hospital, Shrewsbury

Chief Pharmacist

Applications are invited from suitably qualified persons for the post of chief pharmacist. Unfurnished house available at moderate rental.

Salary on the scale £1,232 rising by increments to £1,558.

The conditions of service in accordance with the Pharmaceutical Council of the Whitley Council.

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C 8031

Appointments—Continued.

**SHOTLEY BRIDGE GENERAL
HOSPITAL**Consett, Co. Durham
Category V**Senior Pharmacist**

Applications are invited for the appointment of Senior Pharmacist with the particular responsibility for the preparation of sterile products in the group pharmacy department at this hospital.

Salary in accordance with Whitley Council Scales.

Applications stating age, education and experience, together with the names of two referees, to be sent to the Hospital Secretary.

C 8053

**THE ROYAL HOSPITAL
Wolverhampton****Deputy Chief Pharmacist, Category V**

required. This post offers scope to a pharmacist to acquire experience in the administration of a department which serves a group of twelve hospitals. Salary £1,232-£1,558. Flat available at reasonable rental. Apply with names of two referees to the Hospital Secretary.

C 8044

**THE ROYAL FREE HOSPITAL
Pharmacist**

Applications are invited for the post of Pharmacist at the above Hospital. Salary on the scale £988 per annum plus London Weighting rising to £1,242 per annum with higher qualification allowance and extra pay for evening clinics. Applications with names of two referees should be addressed to the Group Chief Pharmacist, Royal Free Hospital, Gray's Inn Road, London, W.C.1.

C 783

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C 8047

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CONTROL CHEMIST. Required by a firm of manufacturing chemists within easy reach, Waterloo/London Bridge. Interesting work with excellent conditions and prospects, five-day week, 9-5, canteen. Salary from £900 p.a. Commensurate with qualifications and experience. Apply Box C 2375.

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WE WILL PURCHASE for cash a complete stock, a redundant line, including finished or partly finished goods, packaging raw materials, etc. No quantity too large. Our representative will call anywhere. Write or telephone: Lawrence Edwards & Co., Ltd., 6/7 Wellington Close, Ledbury Road, London, W.11. Tel: Park 3137-8. C 140

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The position of Medical Representative carries with it attractive remuneration; Pension Scheme; use of Company car and reimbursement of expenses.

If you are interested in joining a Company which provides maximum professional support to individual initiative, and which is looking for men of calibre to develop in the years ahead, we shall be pleased to hear from you: please address your application to the Personnel Officer quoting reference No. 98/67/CD.

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C 8030

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EVANS, GADD & COMPANY LTD.

Warehouse Supervisor

Bristol

A Male Warehouse Supervisor is required by Evans, Gadd & Co. Ltd., for their new distribution warehouse to which their existing business at Bristol is shortly to be transferred.

This interesting and permanent position would suit a man between 30 and 45 years of age with a wide experience in pharmaceutical wholesaling and ability to control staff.

He will be required to work under the General Manager of the Branch and help to develop the full potential of this new venture by an old-established but forward-looking Pharmaceutical Wholesaler.

A good and progressive salary will be offered to the right candidate.

Apply in confidence, giving brief details of your career to:

J. H. Ward, F.P.S.,
Evans, Gadd & Company Limited,
10 Smythen Street, Exeter, Devon.

C 8035

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HEAD TABLET MAKER seeks interesting position, 35 years' experience in this field, including sound mechanical knowledge. Box C 2361.

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COUNTY COUNCIL
HEALTH COMMITTEE

Tenders are invited for the supply of the following goods and articles to various premises within the County for a period of 12 months commencing 1st November, 1967:—

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MATERNITY OUTFITS AND PADS
COD LIVER OIL PRODUCTS
DENTAL CONSUMABLE STORES
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VACCINES

Further particulars and forms of tender and conditions of contract may be obtained from the County Medical Officer, County Hall, West Bridgford, Nottingham. Completed tenders in the envelopes provided should be received not later than 10 a.m. on Friday, 8th September, 1967.

A. R. DAVIS
Clerk of the County Council
County Hall,
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MISCELLANEOUS

1,000 PRESCRIPTION LABELS 35s. (Size 3 x 2) 2,500 £3 10s. 0d. 5,000 £5 0s. 0d. Definite 7 Day Delivery. Send Trial Order, C.W.O. SPEEDPRINT SERVICES, 60a, High Street, EGHAM, Surrey. Tel. Egham 4978 (ET9). C 2354

COHAR FOR CARPETS. Up to 30% saving, all leading makes, carriage free U.K. Expert fitting most areas. Up to 22½% Furniture, 22½% Venetian Blinds, 15% Sewing Machines, 17½% Washing Machines, 15% Refrigerators, 15% Typewriters, 12% Parquet Tiles, 15% Furs, 15% Tyres, 12½% Outboard Motors and Boats, 10% Lawn Mowers, 12½% Power Tools, 15% Cutlery. Showrooms at London, Leicester, Sheffield, Bradford, Leeds, Hull, Middlesbrough, Manchester, Newcastle, Bristol, Huddersfield, Liverpool, Cardiff, Swansea, Aberdeen, Edinburgh, Plymouth, Bournemouth, Brighton, Glasgow, Dundee, Birmingham, Preston, Blackpool, Belfast, Nottingham, Huddersfield, Sevenoaks, Thorpe Bay, Ottery St. Mary, Cambourne, Norwich, Lincoln, Coventry. Write stating requirements or for introductions, Cohar Distributors (Dept. 28), 16 Jacob's Well Mews, George Street, London, W.1. (Mail Only) and 47 Oswald Street, Glasgow, C.1 or phone Glasgow 041, 221, 2771, London CHAncery 2345, Birmingham MIDland 8333, Manchester CENTral 2321, Cardiff 40404, Liverpool ROY 3232, Leeds 3-4433, Newcastle 61-0666, Sheffield 2-6622. C 600

HEALTHCRAFT NATURAL VITAMINS. Brand leaders. Best trade terms. Direct or through your wholesaler. Details from Healthcrafts, The Manor House, Worcester Park, Surrey. DERwent 3877/89. C 722

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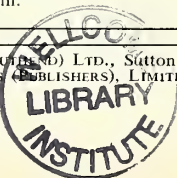
Repairs to all Kodak apparatus. Fully accredited repairers for Rollei, Bell & Howell, Zeiss Ikon and most other makes.

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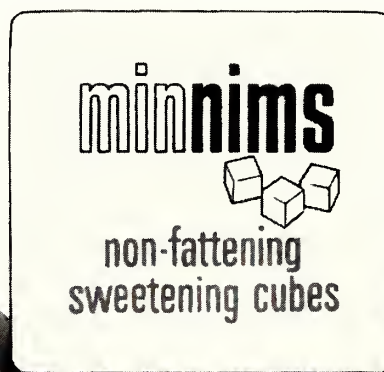
minnims advertising will appear in five major Sunday newspapers

Forceful advertisements, attention-getting spaces, every week for ten weeks in *Sunday Express*, *The People*, *Sunday Times*, *Sunday Post* and *Sunday Mirror*. And that's only the beginning! Hard on the heels of the first far-reaching launch comes another campaign, this time in women's magazines.

dispenses each little cube individually

Here's the pack to stock!

Minnims come in this thin plastic dispenser-pack which has a simple, but effective method of dispensing the cubes singly. Ideal for handbags or waistcoat pockets! What sweet-tooth slimmer could resist Minnims? Minnims are supported right down the line with plenty of persuasive display material: window bills, scales/door stickers, 3D polystyrene showcards and counter dispensers. All very inviting without taking up too much space! Retail price 2/6 per 100 cube dispenser (no purchase tax).



PRIORITY ORDER FORM

Deliver immediately to:

NAME.....

ADDRESS

MINNIMS Counter Dispenser	Retail Price Per Unit	Standard list price per pack of 12 units	Purchase Tax	No. of Packs Required
	2/6	21/-	NIL	

REMEMBER 3 ONE DOZEN PACKS QUALIFY FOR BIG BONUS



Minnims are made by Trentham Laboratories of Nottingham
Distributed by Vestric Ltd. of Runcorn

NEWSFLASH

**Sodium Cyclamate gets Government approval
for use as sweetening agent in solid form !**

RESULT?

**minnims A BRAND NEW SWEETENER
TO STIR UP THE SLIMMING MARKET**



MINNIMS are Britain's first cyclamate sweetener in solid form for slimmers. Based on sodium cyclamate (Government approved sugar-substitute) Minnims are designed to carve out a major slice of the sweetener market because they look like sugar, taste like sugar and bring back sugar-like sweetness to slimmers' tea and coffee. Approved by the British Diabetic Association.

43% MARK-UP

PLUS BIG BONUS OF
14 to the dozen on 3 DOZEN and
over giving you

66% PROFIT ON OUTLAY

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**VESTRIC LIMITED,
CHAPEL STREET,
RUNCORN, CHESHIRE**



14th century gatehouse entrance to Ransom's factory, symbolized in the Company's trademark.

Ransoms have served the industry for 120 years

Ever since William Ransom started his drug-growing farm in 1846, the company he founded has made valuable contributions to the pharmaceutical industry through its specialization in medicinal plant cultivation and galenical production. Ransoms have always

been in the forefront of the industry through constant devotion to research and development and their products are now known and trusted throughout the world. The benefits of Ransom's technical resources are at the disposal of large buyers of drugs and galenicals.




Established 1846

William Ransom & Son Ltd.

Hitchin, Hertfordshire, England

CARNATION
CORN PAINT



2 1/2
FROM
YOUR CHEMIST

*for quick,
safe, painless
removal of*
CORNS! *

[illegible]

in the News of the World, People, Sunday Mirror, Scottish Sunday Post, Belfast Telegraph, Woman's Own, Woman's Realm, Woman's Weekly, Woman, Woman and Home.... from April to November; combined circulation over 25,000,000 plus POSTERS on main stations of London Underground!

CARNATION FOOT COMFORTS

RETAILED THROUGH CHEMISTS ONLY
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